

# Vhf-Uhf DIGEST

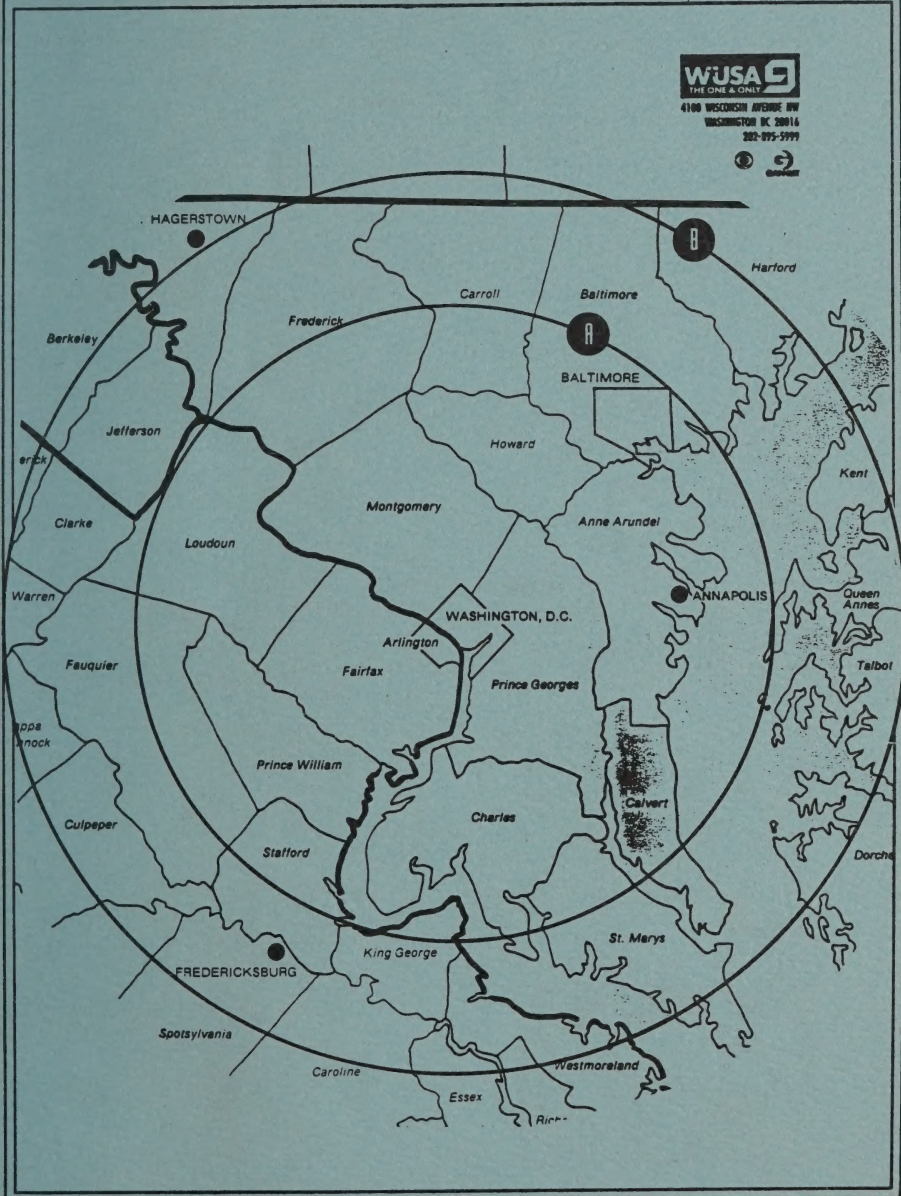
The Official Publication of the Worldwide TV-FM DX Association

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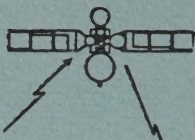
**WUSA 9**  
THE ONE & ONLY

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# SATELLITE NEWS



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A short column this month. The yearly roundup will come shortly. It would not be wise to persue that at this time, due to the many ongoing switches due to the shut down of F2, T2 and others along with the failure of launches of several birds. So: here are a few recent changes - look for many more as you read this.

Morelos 2 - XPDR 9 - MTV Latin America - lately off  
Intelsat 53 W - 14 - Channel NBC Europe  
M E T has moved from F2 to G6 - 18  
Golf Channel is on - G7 - 7 in VC2  
Game Show Network is on G7-6 in VC2  
Univision is back with analog signal on S3-5  
many times in VC2

KTVT on S3-5 is gone  
The Family Net is now on G4 - 23  
Starz is now on S4-11 - was a digital cable movie service

HBO2E - now G7-8  
HBO2W - now G7-14  
HBO3E - now G7-24  
Cinemax 2E - now G1-23

**HBO**  
studio  
productions

On Anik E2 - Ku band - many new services lighting up  
4H - NCN - New Country Network  
6H - a Canadian Bravo  
8H - Life  
14H - Showcase  
16H - WTN  
22H - Movie Pix  
24H - Canal D (French)

on the C side - The Weather Network is now French full time with a full time English service elsewhere (XPDR ())

Orion 1 - a Ku-Band only satellite is now stationed at 37.5 W with a footprint to Atlantic rim areas of US/ North America and Europe.

Some info on Canal Sur with is being relayed by several Florida LPTVs - The original signal comes from Lima, Peru where items are taken off of Pan-Am-Sat/BrazilSat/and severaal Intelsats by Panamaeriacan television (Ch5). They are then sort of collated and retransmitted via C-Band on Pan-Am-Sat to Hero Teleport in Miami where they are retransmitted again via Spacenet 2 XPDR 4 with its really stinkey signal.

That's all from this end - hope to see you all in30

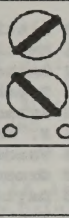
*Georg*





## TV News

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Abbreviations used in this column:

ERP= Effective Radiated Power in kW

HAAT=Height Above Avg. Terrain

nc= no change

TL= Tower Location

CP= Construction Permit

Pr= Province (of Canada)

\*= Non-commercial

CRTC=Canadian Radio-Television Commission

DBS= Direct Broadcast Sat.

SS:= Spanish language

LPRT=Low Power Relay Transmitter (Canada)

TBD= To Be Determined

## APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
FL	58	138	57	WAND	Ft. Walton

(TL 30°23'43"N, 86°30'11"W)

## APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
NC	17	5000	nc	WTED	Goldsboro

(was 2570kW)

## CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
CA	26	3236	792	WRPH	Visalia

(was 3240kW/784m)

St	Ch	ERP	HAAT	Call	City
GA	54	nc	345	WCTK	Columbus

(TL 32°27'49"N, 84°52'37"W just a few hundred feet from the old site)

St	Ch	ERP	HAAT	Call	City
NC	42	1375	nc	WTVI	Charlotte

(was 2750kW)

## CALL LETTER CHANGES

Was	Now	City, state
WCIX-43	WFOR-23	Miami, FL
WMCC-23	WNDY-23	Marion, IN
new-44	WAGV-44	Harlan, KY

## NEW STATIONS ON THE AIR

San Bernardino, CA: KZKI-30Z  
1120kW/713m  
TL 34°11'15"N, 117°41'58"W  
Sunset Ridge near Claremont, same as when it was KAGL-30. Operating license granted in late December.

## OTHER STUFF

Neither the Miami nor the Marion call changes are official.

New Speaker of the House Newt Gingrich seems to have gotten in a bit of hot water over conversations with Fox Broadcasting chair Rupert Murdoch. Gingrich's new book is to be published by a firm partially controlled by Murdoch; some suggest Murdoch's decision to publish Gingrich's book was influenced by Gingrich's possible ability to influence FCC hearings over the degree of foreign (Australian) control of Fox Broadcasting.

Ratings for the regular season football games are in, for the first year since CBS lost its franchise to Fox. American Conference games on NBC were up 11% to a 12.5 rating/29 share. On the other hand, National Conference games on Fox lost 6% to a 12.1 rating/28 share.

Given industry (and Fox) predictions of a 10-25% decline in NFC ratings on Fox, Fox is quite happy with the results! Indeed, Fox earned \$300million in commercial revenue for NFC games this year, as opposed to an estimated \$275million last year on CBS.

In some smaller markets, new Fox affiliates KECY-9 and KARD-14 have been doing quite well. Early numbers from Yuma show KECY ending up the #1 station in the market with viewers 18-34, outperforming the CBS and NBC stations. They beat CBS to end up #2 among viewers 18-49. And in Monroe, Louisiana, KARD beat VHF NBC affiliate KTVE-10 to end up in second place, beat only by KNOE-8.

A bit of a trade war seems to be brewing between Country Music Television and the Canadian Radio-Television Commission. The CRTC recently ordered Canadian cable systems to drop CMT in favor of a new Canadian country music channel. A story on WSMV-4 in mid-(other

## stuff, contd.)

January now reports CMT is removing records on Canadian labels from their music video lineup.

The new UPN and WB networks have both started. It's too early to tell how they'll do. I would appreciate hearing from any of you who note an over-the-air WB affiliate in your area; WB has been reluctant to release an affiliate list.

## NETWORK AFFILIATION CHANGES

Changes in boldface have already happened.

WISC-3 Madison: CBS=>CBS/UPN  
 WFTV-4 Bloomington: ind => UPN  
 KYES-5 Anchorage: ind => UPN  
 KFVE-5 Honolulu: ind => UPN  
 WHEM-5 Bay City: NBC => CBS  
 KIRO-7 Seattle: CBS => UPN  
 WOOD-8 Grand Rapids: NBC=>NBC/UPN  
 WFOR-9 New York: ind => UPN  
 KFVT-11 Fairbanks: CBS=>CBS/UPN  
 WVAH-11 Charleston: Fox=>Fox/UPN  
 KPNR-11 Rawlins: ABC=>ABC/Fox  
 KPTV-12 Portland: ind => UPN  
 KCOP-13 Los Angeles: ind => UPN  
 KRQE-13 Albuquerque: CBS=>CBS/UPN  
 KCIT-14 Amarillo: Fox=>Fox/UPN  
 WFTU-16 Jackson TN: Fox=>?/UPN  
 KDSS-17 Des Moines: Fox=>Fox/UPN  
 KTVG-17 Grand Island: ind => UPN  
 KTTU-18 Tucson: ind => UPN  
 WVTU-18 Milwaukee: ind => UPN  
 KPNB-20 Casper: ABC=>ABC/Fox  
 KEXH-20 Houston: ind => UPN  
 KJHM-21 Colo. Sprs.: Fox=>Fox/UPN  
 KNLD-21 Duluth: new=>Fox/UPN  
 KRLR-21 Las Vegas: ind => UPN  
 WHNS-21 Asheville: Fox=>Fox/UPN  
 WJCL-22 Savannah: NBC=>NBC/UPN  
 WLFL-22 Raleigh: Fox=>Fox/UPN  
 WPTT-22 Pittsburgh: ind => UPN  
 KATU-22 Spokane: Fox=>Fox/UPN  
 WTAT-24 Charleston: Fox=>Fox/UPN  
 WEYI-25 Saginaw: CBS => NBC  
 WCIX-26 Chicago: Uni => ind  
 KJMH-26 Burlington: Fox=>Fox/UPN  
 KMVU-26 Medford: Fox=>Fox/UPN  
 WQNT-27 Norfolk: ind => UPN  
 WITE-28 Columbus OH: Fox=>Fox/UPN  
 WTTK-29 Kokomo: ind => UPN  
 WUTV-29 Buffalo: Fox=>Fox/UPN  
 KABB-29 San Antonio: ind => Fox  
 KDNL-30 St. Louis: Fox=>ABC/UPN  
 W30AP Kingsport TN: ind => UPN  
 KOOG-30 Ogden: ind => WB  
 WUHF-31 Rochester: Fox=>Fox/UPN  
 WGGI-33 Cadillac: Fox=>Fox/UPN  
 KOCE-34 Oklahoma C.: ind => UPN  
 KURT-35 San Antonio: Fox => ?  
 WRLH-35 Richmond: Fox=>Fox/UPN

KASN-38 Little Rock: ind => UPN  
 WOTV-41 Battle Ck.: ABC=>ABC/UPN  
 KPTM-42 Omaha: Fox=>Fox/UPN  
 KNKT-43 Topeka: ind => UPN  
 WSNR-43 Syracuse: Box => UPN  
 KBBK-44 S. Francisco: ind => UPN  
 WGBU-45 Vanderbilt: Fox=>Fox/UPN  
 WBNM-45 Greensboro: Fox=>Fox/UPN  
 WROT-45 Dayton: Fox=>Fox/UPN  
 WNTL-46 Naples: ind => UPN  
 WJZY-46 Belmont: ind => UPN  
 WNTT-47 Jacksonville: ind => UPN  
 W47BD Findlay, OH: ind => UPN  
 KEIA-48 Las Cruces: ind => UPN  
 K49CY Austin TX: ind => UPN  
 WFWR-50 Gary: ind => UPN  
 KUSI-51 San Diego: ind => UPN  
 WFTT-51 Portland, ME: Fox =>Fox/UPN  
 W52AE Evansville: ind => UPN  
 KAIL-53 Fresno: ind => UPN  
 WFLI-53 Cleveland TN: ind => UPN  
 W???-54 Slidell, LA: new => UPN  
 WFFT-55 Ft. Wayne: Fox=>Fox/UPN  
 WDKY-56 Danville: Fox=>Fox/UPN  
 KSCB-58 Stockton: ind => UPN  
 WTTT-58 Salem, IN: ind => UPN  
 WJYS-62 Hammond: HSS => ind  
 K62DW Lafayette LA: ind => UPN  
 KSMO-62 Kansas City: ind => UPN  
 KADY-63 Oxnard: ind => UPN  
 WSTR-64 Cincinnati: ind => UPN  
 WRBW-65 Orlando: ind => UPN  
 WGBD-66 Joliet: ind => Uni  
 "WBTR"? Baton Rouge: ind => UPN  
 "WBBB"? Florence SC: ? => UPN

Most of this month's column is from a posting on the Internet forwarded by Bill Hale in Meridian, Idaho. Broadcasting and Cable has printed a similar list. (they've also printed a WB list- copyrighted, so I can't reproduce it here, but most of the surprises are on UPN. Besides, B&C noted that WB has been reluctant to release an affiliate list for competitive reasons, and that their own list is incomplete. I'd appreciate hearing from any of you who have a WB affiliate in your area.)

"WBTR" is actually a network of LPTVs on several channels. At press time, UPN hadn't started operations yet, so Jeff Kruszka hasn't been able to tell me which channels will be UPN. In Findlay, Ohio, W47BD is promoting itself as "WFND-TV". And in Topeka, Kansas, the channel 43 LPTV is calling itself "KNKT" in publicity items, and signing "KTMJ" on the air- but Fred McCormack says it's definitely a LPTV, a channel change for K15BQ. See Fred's report for more information on the calls here.



### (Network changes, contd.)

"Box" for the former affiliation of WSNR-43 is not a typo. WSNR is a relatively low power station, previously carrying the Video Jukebox Network.

The W???-54 Slidell, LA is an assumption on my part. The original list simply says "TBA", but there has been recent activity on this construction permit, and it's the only open CP in the New Orleans area.

See Bruce Elving's item later in the column for more information on KNLD-21.

John Lentz has conflicting reports as to whether WVTM or WCGV is to be the UPN affiliate in Milwaukee.

I know nothing about a WWMB Florence/Myrtle Beach, unless these are new calls for the WFIL-21 CP.

It's unknown whether the WNRW secondary UPN affiliation also affects WGGT-48. The latter station currently relays WNRW under a LMA. Also unknown is whether WMTU will continue to carry some Fox programs not carried by WBBJ-7.

## FORUM

Matt Sittel, Asheville NC:

(yep, Matt moved again!) He notes that WASV-62 there is on, and most of the time is parallel to WGGT-16 Greenville SC with religion.

Fred McCormack, St. Paul MN:

Information received from Fred about the channel 43 in Topeka above also indicates the FCC has implemented its plan to issue regular call signs to some LPTVs. He says K06KZ there has changed its real, official call sign to KTMJ-LP.

While it hasn't come through the paperwork yet, Fred speculates (and I'm sure he's right) that K15BQ changed its calls to KNKT-LP when it moved to channel 43.

Fred also has the (more traditional) calls for Pharis Broadcasting's LPTV in Springdale, Arkansas, mentioned in last month's column. It's K15DR.

Regarding the Locke Supply LPTVs in Oklahoma, Fred shows several more:

K20EA	Tulsa
K31DY	Muskogee
K51EK	McAlester
K61GC	Wichita, Kansas
K68EH	Ponca City

These are all presumably satellite-fed religion. K27DM Claremore (noted in the December VUD) has an application to move to channel 63.

Fred is also able to solve Ernie Wesolowski's mystery TBN on channel 53 in Omaha. K53EY Omaha was granted 10.5kW in January 1994, and is licensed to the same R.B. Sheldahl who owns "official" TBN affiliate K45CQ Council Bluffs.

Bill Hale, Meridian ID:

Special thanks to Bill for providing the UPN list from the Internet. Bill also says a friend in San Antonio told him Fox is moving from KRRT-35 to KABB-29. The reason given was a better tower location, at Elmendorf, Texas, southeast of San Antonio. (and where the other San Antonio transmitters are)

KRRT's tower is over 60km WNW of the other ones, in northeast Medina County near Lakehills. And Bill writes that when he lived in the area, at San Marcos, KABB "came in like gangbusters, while 35 from Kerrville was narry a ghost." I wonder how the channel 2 CP for Fredericksburg will do when/if it gets built?

Bill didn't see anything about a new UPN affiliate- UPN had been slated to go on KABB.

Also from Bill, an item from the Wall Street Journal noting that yet again, New York City is considering selling municipal TV station WNYC-31. Unlike most educational stations, WNYC holds a commercial license and could be sold to a for-profit firm.

Jack Decker, Muskegon MI:

No, Jack isn't a member of WTFDA. Bill Hale passed along a question he asked on the Internet, and I sent a brief reply. Jack's

original question might be of interest to the general membership, so I thought I'd pass it along...

Jack lives a few miles east of Lake Michigan's eastern shore. He's trying to receive LPTV W11CF Whitehall, which is almost on the beach. And he's having serious CCI problems from WLUK-11 Green Bay, across the lake and in the same direction.

His question: "It seems as though the station [WLUK] is throwing a pretty powerful signal out in the direction of the lake. I can't imagine that they consider any part of Michigan to be part of their primary viewing area, so why on earth do they need to be sending such a strong signal in this direction?"

And, "Is it POSSIBLE to make a transmitted TV signal weaker in one specific direction, or is the pattern always roughly a circle?" "...is there any chance [WLUK] could be convinced not to send such a powerful signal in this direction? ... you'd think they'd want to keep that power directed towards the land areas where they might have viewers."

Directional antennas are very rare for TV stations. On AM, it's common to use a directional antenna to allow building a station in a place where it would be otherwise impossible: by installing an antenna that puts as little power as possible in the direction of another station, it might be possible to operate without interference.

Unlike AM, on TV the FCC has established specific distance separations between stations on the same channel. You cannot use a directional antenna to squeeze in a station where it would be otherwise impossible. And, the ERP limit (in the case of channel 11, 316kW) is applied in the direction in which you radiate the most power. (and not as the average of your power in all directions)

Because of this, directional antennas are quite rare in TV. (they are not, however, unheard of. In some places, directional antennas are used to allow a lower-power transmitter to cover two or three major cities without wasting too much power over unpopulated rural areas. In other cases, notably Denver, directional antennas are used to reduce the amount of power directed towards mountains & thus reduce ghosting.)

While it would certainly be legal for WLUK to install a directional antenna to avoid putting power over Lake Michigan, there really isn't any economic incentive for them to do it. Because directional antennas are rare for TV, they're considerably more expensive than the normal non-directional variety.

And by installing the directional antenna, WLUK is actually reducing power in all directions except the one in which their antenna radiates the most power. Viewers in other directions (Door Co., Appleton, and especially in the direction of the lake, i.e. Manitowoc) may actually suffer increased interference from WTTW-Chicago, WBKB-Alpena, and other stations.

Jeff Kruszka, Baton Rouge LA:

Regarding a channel 14 LPTV Jeff saw relaying "WTVK"-11, he called the station & was told channel 14 was their "microwave link", carrying programs from the studio to the transmitter. Jeff asks, "I don't know if I can count this as a "logging" - do you?" Personally, I would, if its indeed transmitting within the 68 TV channels.

I find that especially interesting in light of the history of W54BH in my old hometown of Madison, Wisconsin. When they first signed on as W05BD, they ran some local programming and used their UHF channel (then signing K54DB) as a remote pickup link. It was rumored they also used channel 65 for the same purpose, though I never saw it.

I don't know the LPTV regs well enough to verify that this is or isn't legal. But to my knowledge, the WTFDA guidelines don't say you can't count illegal stations. (and in my opinion, if you can figure out what & where they are, illegal stations certainly should count) Full power stations definitely can not get away with this!

Jeff has also seen an ID on K52CQ. They use "WJOY TV-52 K52CQ".

In Lubbock, Texas, Jeff notes three LPTVs on. K46CS is Telemundo; K51BX is Univision; and K62DG is the Box.



(Forum, contd.)

Bruce Elving, Esko MN:

"If you've been waiting for Duluth's newest television station to hit the airwaves, hunker down and get ready to wait a little longer."

Despite receiving an operating license from the FCC, KNLD-21 did not go on the air in April as first planned, nor did it premiere in December as later planned.

The holdup isn't technical, it's legal. KNLD plans to operate under an LMA with KBJR-6 Superior, Wis., which means the LMA must be approved by five lawyers in four states before KBJR technicians can turn KNLD's transmitter on.

KNLD will be affiliated with both the Fox and UPN networks. Until channel 21 comes on the air, UPN's flagship program, "Star Trek: Voyager", will displace NBC's programming on KBJR at 7pm Saturdays.

Bruce also has some information on UHF wireless cable in Duluth. He says local operator BSI Cable/Duluth is now running the Family Channel in the clear on channel 38, weaker than local TBN K58CM.

"I wonder if other DXers have scrambled TV on regular UHF channels in their areas?" It certainly seems a popular phenomena in Minnesota, and to a lesser degree in adjoining Wisconsin, Iowa, and North Dakota.

Jerry Stuart, Lawton OK:

(I sure hope that's your postcard Jerry, you forgot to sign it!) Jerry says KLDL-55 Lake Dallas TX is definitely on, with the same ID as when religious, but with the VIA-TV home shopping network.

He's also seen K31CM Ft. Worth with one of the Spanish networks.

Finally, Jerry asks "...how to QSL Norman OK K22?" Good question. He's already tried all the permutations on an address I'd think of, and the Postal Service keeps returning his reports...

Keith Smith, St. Ann MO:

Keith continues to write to the "Dark Stations" listed a few months back. His letters to WPTJ-19, WYDN-48, and KRPA-44 were all returned unopened, and Keith presumes all

three are dead. Probably true, though sometimes these things get "resurrected"!

WDKA-49 Paducah's letter resulted in a reply from the Chief Operator of WCEE-13 Mt. Vernon, IL who wrote that channel 49 is still in the planning stage, and could come on in the future as a satellite of WCEE. Tom Bryant has information to the same conclusion.

Ernie Wesolowski sent Keith the TV page of the *Wichita Eagle*, which lists two LPTVs. K55FS is listed as "KCTI", with general independent programming. And a TBN is listed on channel 59; this is indeed K59DA.

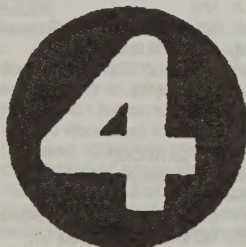
## DX ETC:

Wow, has there been DX here or what?! Fifteen states on UHF in three days?! 760 mile tropo to south Florida?! January has been a BIG tropo month here in middle Tennessee!

Internet mail indicates big openings have happened in other parts of the East as well. Hope your winter season has been as productive as mine!

Those of you who subscribe to *Monitoring Times* probably already know that I've taken over the "American Bandscan" column. I do not plan to drop, or make any changes to, this column because of the MT column.

73 Doug



**WIVB-TV**

# F M NEWS

## February 1995

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<b>KEY:</b> &: satellite programming AF: new freq. allocation <b>accepted for filing</b> for a new FM license CC: <b>call change</b> /new calls assigned CL: <b>city of license</b> change granted CO: new xmtr <b>co-ordinates</b> CX: a CP has expired, and is cancelled C1,C2, etc: change in class status DA: <b>directional antenna</b> DE: calls <b>deleted</b> , license returned to FCC FC: station <b>format change</b>	GA: <b>granted amendment</b> to table of FM allocations GE: station was <b>granted extension</b> of a CP GX: <b>granted</b> replacement of expired CP MC: <b>multiple-city</b> legal ID NC: <b>no change</b> yet, on a reported pending grant/change. NO: station is <b>not on the air</b> NS: a <b>new station</b> granted a license NW: <b>new station</b> signs on the air PA: <b>proposed amendment</b> to change table of allocations PC>: a <b>power change</b> (increase)	PC<: a <b>power change</b> (decrease) PG>: <b>power change granted</b> (increase) PG<: <b>power change granted</b> (decrease) QC: frequency <b>change</b> for this station QG: frequency change <b>granted</b> RA: station <b>returns</b> to the air RE: station <b>requests extension</b> of a CP RX: station <b>requests</b> re-instatement of an expired CP SG: <b>slogan</b> change or update SI: station is <b>silent</b> XC: station granted a transmitter (xmtr) site change
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### ALABAMA

Abbeville: WIZB 94.3 PG> to 3150w, 458ft,  
XC: 31-27-18 / 85-19-52  
Addison: \*\*\* 105.7 GA for class A  
Camden: WYVC 102.3 reported SI  
Dadesville: WDWI 88.7 NC to 100 kW but GE  
Dothan: WESP 102.5 PC> to 10 kW, 461 ft, class C3  
XC: 31-13-41 / 85-21-06  
Selma: W211AD 90.1 NS-170w: WAFR 88.3 Tupelo, MS  
Warrior: WLBI 98.7 PC> to 6.2 kW, 656 ft,  
XC: 33-52-34 / 86-50-09, class C3

### ALASKA:

Delta Jct: \*\*\* 93.5 GA to add class A  
Houston: KADX 94.3 NO-RE  
Houston: \*\*\* 96.3 PA to add class A  
Ketchikan: KRBD 89.7 QC from 105.9, PC> to 7.8 kW

### ARIZONA:

Flagstaff: KJTA 89.9 NO-RE (2nd)  
Globe: KRFX 97.3 NO-RE (2nd)  
L Havasu City: KBBC 101.1 no change to 617' but GE (14th)  
Phoenix: KCHT 96.9 CC (ex KPSN) "Classic Hits"  
Tuba City: \*\*\* 97.9 GA for class C3  
Williams: KVTf 96.7 NO-GX (2nd)  
Window Rock: KWRK 96.1 NO-GE (4th)

### ARKANSAS:

Bentonville: K201CT 88.1 NS-205w: WAFR 88.3 Tupelo, MS  
Camden: KMGK 104.5 NW  
Clarksville: K210BN 89.9 NS-250w: WAFR 88.3 Tupelo, MS  
Dumas: KXFE 107.1 NC to 106.9, but GX  
Ft. Smith: K213BV 90.5 NS-10w(v): KEAR 106.9 San Fran  
Pine Bluff: KUAP 89.7 NO-RE (4th)

### CALIFORNIA:

Avalon: KRCI 92.7 SI  
Bakersfield: KKBb 99.3 CC (ex KOQQ)  
Bakersfield: KGFM 101.5 PG> to 6650w, 1299ft.  
XC: 35-26-17 / 118-44-22  
Brawley: KSIQ 96.1 to 294', CO: 32-57-12 / 115-30-05  
Bumey: KIBC 90.5 NC to 3 kW, 1456 ft but GX  
Felton: KHIP 93.7 NO-RE  
Kings Beach: KBCH 107.7 NW, SMN adult con. (&) (L Tahoe)  
Los Altos: KHQT 97.7 NC to 3.2 kW, CX  
Merced: KODE 107.7 FC to all Christmas music (would expect another format change soon-gc), NW  
Modesto: \*NS 93.9 3 kW, 328 ft.  
Monte Rio: KMGG 97.7 NC to 1750w., 1200ft, XC (CX)  
Mt. Shasta: KEDY 95.3 PC> to 6 kW

### California:

Oakdale: KDJK 95.1 FC to modern rock (Modesto)  
Orcutt: KGDP 95.7 NC to 882 ft. (GE)  
Quincy: KNLF 95.9 NO-RX  
Riverside: KVAR 97.5 CC (ex KHTX)  
Rosamond: K208CE 89.5 NS-62w(v): KHMS 88.5 CA  
San Jose: KSJS 90.5 QC from 90.7, class A, PC> to 400 w, 406 ft  
San Luis Obispo: KWQH 97.1 NO-RE (3rd)  
San Pablo: K201BM 89.9 NS-10w(v): KECG 88.1 CA  
Santa Barbara: KRUZ 103.3 FC to soft AC  
Santa Ynez: KAGA 105.9 NO-RX  
Shafter: KZBA 97.7 RA with "Z-Spanish" Mexican regional format, CC (ex KKBb)  
Sutter Creek: KRZ 107.5 NO-CX (4th)  
Turlock: KBDG 90.9 PC> to 780 watts  
W. Pittsburg: KZWV 102.1 NS-85w: KZWC Walnut Creek  
Willits: \*NS 91.5 600 w, 1820,  
Woodland: KSFM 102.5 PC< to 16 kW, 417 ft,  
CO: 38-35-20 / 121-43-40

### COLORADO:

Avon: KZYR 103.1 NC to 13.5 kW but GE (2nd)  
Holly: K203BW 88.5 NS-195w: KJIL 99.1 Copeland, KS  
Kremmling: KRKM 106.3 PG< to 2.5 kW, 1026 ft, C3, XC  
Silverton: \*\*\* 107.3 GA for class C  
Strasburg: KAGM 102.3 NO-RE (2nd)  
Trinidad: KCRT 92.7 NC to 15 kW, 1020 ft., but RE (3rd)  
Vail: \*\*\* 95.3 dismissed amendment here

### DELAWARE:

Seaford: WECY 98.3 FC to oldies // WSBY 98.9 MD

### FLORIDA:

Apalachicola: \*\*\* 93.5 GA for class A  
Big Pine Key: WWUS 104.7 PA: to 104.5 class C  
Century: WKGT 105.1 NC to 25 kW (but RE)  
Gainesville: WYKS 105.3 QC from 105.5, now up to 459ft, CO: 29-37-52 / 82-25-18  
Graceville: WYDA 101.7 NO-GX (4th)  
Key Colony Bch: WKKB 105.5 PA: to 101.3 class C2  
Key West: WUNW 90.1 NO-RX (2nd)  
Key West: WSKP 107.9 NW

**WJS 90.7 FM**



**Florida:**

Marco: WGUF 92.7 FC to jazz  
 Marianna: WJQA 100.9 PC> to 6 kW  
 Naples: WSRX 89.5 NC to 20 kW but GE  
 Naples: WNOG 93.5 PA: to 104.7 class A  
 Orlando: WUCF 89.9 PC> to 4kW(h), 40kW (v), 194 ft.  
 Palatka: WHIF 91.3 NO-RE  
 Pt.Charlotte: WVJ 91.7 NC to 3.8 kW but RE  
 Tampa: WUSF 89.7 NC to 72 kW, 941 ft. but GE  
 Tice: WAAD 93.7 PA: to class C2 from class A  
 Union Park: WEAZ 88.3 NO-RE

**GEORGIA:**

Adel: WDDQ 92.1 NC to 4.2 kW, 390 ft but RE (3rd)  
 Douglas: WKZZ 92.5 NO-RE  
 Smithville: WZIQ 106.9 NW  
 Zebulon: WEKS 92.5 NO-GE

**HAWAII:**

Aiea: KGMZ 107.9 NW, with rock // KAOI 95.1 Wailuku  
 Half/Hiale: KPMW 105.5 NW, Filipino ethnic programming  
 address: 230 Hano Hwy, phone: 808/871-6251  
 Hilo: KPVS 95.9 NO-RE  
 Hilo: KWXX 94.7 PC> to 100 kW, -758 ft.,

CO: 19-47-02 / 155-05-25

Honolulu: KILV 98.5 adds Mark & Brian show  
 Honolulu: KORL 99.5 NO  
 Kamuela-Honokaa: K276DX 103.1 250w: KAOY 101.5 HI  
 Kaneohe: KBLZ 104.3 NO  
 Kawaihae: KWIY 106.9 SG "Y-FM" (a/c format)  
 Lahaina: KLHI 101.1 FC to oldies  
 Lanai City: KONI 104.7 SG "Koni 104.7", with hot ad.con.  
 MC: with Kihei  
 Paaulo: KNUQ 103.7 CC (ex KILU), FC to adult. cont.  
 "Q103", MC: Kihei  
 Prince City: KUCD 101.9 CC (ex KUPU), NO  
 Princeville: \*\*\* 92.9 GA for class C1

**IDAHO:**

Coeur d'Alene: KPVS102.3 NO-CX-DE  
 Rexburg: KRKX 98.1 PC> to 100 kW, 564 ft., C1  
 CO: 43-32-34 / 111-53-07

**ILLINOIS:**

Decatur: WNLD 88.3 NW  
 Edwardsville: WSIE 88.7 PG< to 36 kW, 582 ft.  
 E.St.Louis: WVRV 101.1 CC (ex WFXB), "The River"  
 Effingham: W217AM91.3 NS-55w: WAFR 88.3 Tupelo, MS  
 Galva: WHHK 102.5 CC (NS)  
 Kankakee: W201AW 88.1 NS-120w: WAFR 88.3 Tupelo, MS  
 Monee: WGMR 88.9 NW  
 Mt.Vernon: WAJT 102.1 CC (NS)  
 Spring Vly: WAIV 103.3 adds Major-talk

**INDIANA:**

Crawfordsville: WNDY 106.3 still SI, expected to return  
 though to be variety, non-comm // WVUX 91.7 Cincinnati  
 Jeffersonville: WQMF 95.7 PC< to 28,580w, 644 ft.  
 XC: 38-08-16 / 85-56-05  
 Kentland: \*\*\* 101.7 GA for class A  
 Richmond: WFMG 101.3 FC to adult contemporary  
 Spencer: WSKT 92.7 adds JSN "CD Country" (&)  
 Terre Haute: W220BB91.9 NS-120w: WAFR 88.3 Tupelo, MS

**IOWA:**

Brooklyn: KSKB 99.1 NC to 99.3 50 kW but RE (2nd)  
 Estherville: K221DO 92.1 NS-76w: KJLY 104.5 MN  
 Grundy Ctr: KGCI 97.7 PC> to 16kW, 407 ft, C3  
 CO: 42-23-28 / 92-31-57  
 Hampton: KRINQ 98.9 NO-RE (2nd)  
 Madrid: \*\*\* 96.1 GA for class A  
 New Sharon: KWGN 99.9 NO-RE  
 Sageville: \*\*\* 106.1 PA for class A

**KANSAS:**

Emporia: KGZF 99.5 NO-RE (4th)  
 Horton: KERE 93.7 NW in January with country  
 Quinter: K207BP 89.3 NS-232w(v): KJIL 99.1 Copeland

**KENTUCKY:**

Hawesville: WKCM105.7 PA: to 97.1 class A  
 Lexington: W241AB 107.3 NS-20w: WJMM 106.3 Nicholasville  
 London: WYGE 92.5 NO-GE (2nd)  
 Nicholasville: WLRO102.5 CC (ex WCKU) "Arrow"  
 Owingsville: WKCA 107.1 QG to 107.7 A-PG> to 3.5 kW, 371ft  
 XC: 38-11-16 / 83-46-34  
 Valley Stn: WQNF 105.9 PG< to 1264 w., 500 ft,  
 XC: 38-08-16 / 85-56-05

**LOUISIANA:**

Alexandria: K203BV 88.5 250w: WAFR 88.3 Tupelo, MS  
 Lacombe: KPXF 94.7 NO-CX  
 Lake Arthur: \*\*\* 107.3 GA for class C3  
 Lafayette: K209BS 89.7 170w(v): KEAR 106.9 San Fran  
 New Orleans: WRNO99.5 FC to mostly 70's, "The River"  
 Thibodaux: KLNO 90.5 CC (NS)

**MAINE:**

Madison: WHAA 97.5 NO-GE (5th)

**MARYLAND:**

Ocean Pines: WLFX 97.1 PG< to 4.6 kW, class A, DA

**MASSACHUSETTS:**

Orange: WFUB 97.3 NO-RE (4th)

**MICHIGAN:**

Bronson: WCVN 94.7 NO-RE (2nd)  
 Hudson: WMXE 102.5 CC (ex WAHU)  
 Manistique: W260AF 99.9 NS-6w: WHWL 95.7 Marquette  
 Midland: W209UF 99.7 NC to 997 ft, RE (3rd)  
 Pentwater: WSAB 94.1 NO-GE (4th), XC  
 Pickford: WADW105.5 NO-RE  
 Sandusky: WTGV 97.7 up to 325', CO: 42-23-28 / 92-31-57

**MINNESOTA:**

Blooming Prairie: KOWZ 100.9 CC (ex KJST)  
 Duluth: W203AL 88.5 NS-7w(v): KEAR 106.9 San Fran.  
 Hibbing: KADU 90.1 NW  
 Marshall: K227AF 93.3 NS-250w: KKCK 99.7 Marshall  
 Minneapolis: KTIS 98.5 PG< to 37 kW, 315 ft, XC  
 Waite Park: KLZZ 103.7 NC to 25 kW, GX (2nd)  
 Worthington: KITN 93.5 NW

**MISSISSIPPI:**

Greenwood: WGRM101.9 PC> to 6 kW  
 McComb: W213AO90.5 NS-38w: WAFR 88.3 Tupelo, MS  
 McLain: WXAB 96.9 NO-GE  
 Olive Branch: WRXQ95.7 CO: 35-04-25 / 89-51-27  
 Tupelo: WAJS 90.9 CC (NS)

**MISSOURI:**

Branson: KLFC 88.1 262ft, CO: 36-33-06 / 93-14-17  
 Buffalo: KBFL 99.9 PA to change: class A to C3, this  
 ties in with the KHST Lamar, MO proposal  
 Camdenton: KCVO 91.7 announced list of translators:  
 K201AA 88.1 Bolivar, K207AY 89.3 St.Robert (Fort  
 Leonard Wood area), K208BO 89.5 Warsaw (Truman  
 Lake area), K209AP 89.7 Sedalia, K211AC 90.1 Jeff  
 City, K213AG 90.5 Rolla, K225AB 92.9 Knob Noster/  
 Warrenton, K247AB 97.3 Blue Springs/K.C., and  
 K248AA 97.5 Prairie Home/Boonville/Columbia  
 Jefferson C: KTXV 106.9 FC, moving towards hot AC  
 and using the "Y107" slogan, rumored to perhaps be  
 going country, with hot ac moving to 94.1 California, MO  
 Lamar: KHST 99.9 PA to change to 101.7 A  
 Memphis: K218BU 91.5 NS-250w: WAFR 88.3 Tupelo, MS  
 Neosho: KNEO 91.7 QC from 91.5, class A, PC> to  
 2750 w., 374 ft, XC: 36-52-49 / 94-26-29  
 Pt.Lookout: KSMS 91.7 CC (ex KCOZ)  
 Poplar Bluff: KZMA 103.5 NO-GE (4th)

## Missouri:

Richmond: KAYX 92.5 RA with religion // KCCV 92.3  
Olathe, KS (serving eastern reaches of K.C. market)  
Rolla: KQMX 94.3 QG to 97.5, 6 kW, 292 ft.  
St.Louis: KLOU 103.3 SG "Oldies 103"  
Warrenton: KFAV 99.9 FC to classic hits, still "V100"

## MONTANA:

Darby: K218BT 91.5 NS-36w: KILA 90.5 Las Vegas  
Great Falls: KMON 94.5 NC to 48 kW, 1931 ft, XC: CX  
Havre: KNMC 90.1 PC> to 380w., 728 ft. clas A  
CO: 48-32-31 / 109-41-17

## NEBRASKA:

Auburn: KCOE 105.5 PG> to 6 kW, 328 ft, XC  
Grand Is: K211CJ 90.1 NS-250w(v): KEAR 106.9 San Fran  
Lincoln: KFBN 88.5 NO-RE (2nd)  
N.Platte: KJLT 94.9 PC> to 100 kW, 754 ft, XC:  
40-59-49 / 100-52-47  
Omaha: KKCD 105.9 PC> to 50 kW, 478 ft, C2, XC:  
41-12-04 / 95-57-12  
Sargent: KNJP 92.1 NO-RE  
W.Point: NC to 100 kW, 548 ft, but RE (2nd)

## NEVADA:

Gerlach: KGLH 91.5 NO-CX-DE  
Indian Sps: KPXC 99.3 NO-RE (5th)  
Las Vegas: KOMP 92.3 NC to 23 kW, but GE (5th)  
Pahrump: KFBI 107.5 increase to 3736 ft.

## NEW HAMPSHIRE:

Campton: WVFM 105.7 NO-RE (6th)  
Manchester: WLMW 90.7 NO-RE (2nd)

## NEW JERSEY:

Branchville: W297AC 107.3 NS-on the air (WAWZ 99.1  
Zarepath, NJ), note-107.3, NOT 105.7  
Bridgeton: WNUJ 90.3 NO-RE (3rd)  
Hackettstown: W284AF 104.7 NS: 10w: WRNJ 107.1 NJ  
has been noted on the air  
Pleasantville: WMID 99.3 NC to 3 kW, but RE

## NEW MEXICO:

Alamogordo: \*NS 103.7 NO-GX  
Belén: KARS 97.7 NC to 100 kW, GX (4th)  
Hobbs: KOKN 102.9 NO-GE (3rd)  
Socorro: KRRA 92.9 NO-RE (2nd)

## NEW YORK:

Buffalo: WGRF 96.9 NC to 22.4 kW, 712 ft. but RE (5th)  
Canton: WXQZ 101.5 NO-GE (4th)  
Coming: W273AC 102.5 NS-25w: WOKN 99.9 Southport  
Cortland: WIII 99.9 CC (ex WYYS), FC to adult  
album alternative (AAA), "I-100" slogan (Ithaca)  
Henrietta: WBER 90.5 NC to 50 kW, DA but RE  
Middletown: W295AA 106.9 noted on air (x: WRWD 107.3)  
New York: WQCD 101.9 NC to 6.2 kW, 1355 ft,  
CO: 40-44-54 / 73-59-10

New York: WRKS 98.7 PC> to 6 kW

## NORTH CAROLINA:

Durham: WNCU 90.7 NO-RE (3rd)  
Harker's Is: WAED 100.3 NO-RE  
Hatteras: WYND 97.5 NO-GX (4th)  
Ocracoke: WAHL 92.9 NO-RE  
Raleigh: WCPE 89.7 up to 1187 ft, DA, class C  
Tabor City: WYNA 104.9 GA: to 104.9 C3, CL: Calabash, NC  
Waxhaw: WLWW 106.1 NO-GE (3rd)  
Williamston: WCBZ 103.7 FC to classic rock  
Wilmington: WKQK 90.5 NO-RE (2nd)

## NORTH DAKOTA:

Fargo: KFNW 97.9 NC to 1000 ft., but RE

## OHIO:

Greenfield: WVNU 97.5 PG> to 3,250 watts  
Millersburg: WKLM 95.3 granted change DA to non-dir.  
Reading: WMKV 89.3 NO-RE  
Richwood: \*\*\* 104.3 GA change: from class A to B1  
Union City: WTGR 97.5 NW  
Van Wert: \*\*\* 93.9 GA for class A  
Zanesville: WCVZ 92.7 PC> to 16 kW, 407 ft, B1  
XC: 39-42-52 / 82-04-10

## OKLAHOMA:

Bixby: KJMM 105.3 NW, with urban (Tulsa market)  
CC (ex KRMP) "Jamm", runs Tom Joyner show  
Broken Arrow: KCMA 92.1 FC to 70's oldies (Tulsa market)  
Idabel: KBEL 96.7 CX for 25 kW  
Lawton: KMGZ 95.3 NC to 6 kW, 302 ft but GE (4th)  
Magnum: \*\*\* 97.7 GA for class A  
Roland: KYUC 92.3 NO-RE (3rd)  
Stillwater: KXPX 105.5 CP (listed as new, I think that this  
should read ex: KGFY-gc)  
Tishomingo: KTSX 106.3 NO-GX (5th)  
Woodward: K300AH 107.9 NS-115w: KREJ 101.7 KS

## OREGON:

Bandon: \*NS 96.5 7.5 kW, 590 ft.  
Coos Bay: KDCQ 93.5 CC (NS)  
Coos Bay: K219CK 91.7 NS-23w(v): KEAR 106.9 San Fran  
Enterprise: K202BZ 88.3 NS-10w: KMBI 107.9 Spokane, WA  
Eugene: KSKD 1107.1 NS-250w(v): KSKD Sweet Home  
Redmond: KSJJ 102.9 up to 886', CO: 44-02-48/121-31-53  
Springfield: KQFE 88.9 PG< to 750 w.

## PACIFIC ISLANDS:

Garapan: KPXH 100.3 NO-RX (2nd)  
Is. of Saipan: \*NS 88.1 1.8 kW, 125ft. N. Mariannas College

## PENNSYLVANIA:

Bradford: W257BA 99.3 NS-8w: WQRM 106.3 Smethport  
Kane: WPSB 90.1 CC (NS)  
North East: WRKT 100.9 NC to 4.2 kW, 797ft, DA but GE  
Salladasburg: WFRY 95.5 RA with news-talk // WRAK 1400  
(see Williamsport 107.9's silence)  
Sellersville: WBYO 88.9 NC to 900w but GX  
Williamsport: WRAS 88.1 PC> to 494w,  
XC: 41-14-11 / 77-1-32  
Williamsport: WRAK 107.9 SI (format moves over to 95.5)

## PUERTO RICO:

Ponce: WTPM 192.9 NS-3880w: WTPM Aguadilla

## RHODE ISLAND:

Providence: WELH 88.1 NO-GE (2nd)

## SOUTH CAROLINA:

Greenwood: WSCZ 96.7 adds SMN Country (8)  
Moncks Corner: WJYQ 105.5 NC to 105.3, but RE (3rd)

## SOUTH DAKOTA:

Aberdeen: K219CM 91.7 NS-29w: KTSB 91.1 Reliance  
Dell City: \*\*\* 95.7 PA to add class C3  
Pierre: K241AF 96.1 NS-27w: KTSB 91.1 Reliance  
Rapid City: \*\*\* 106.3 PA to add class C  
Sisseton: KSWB 88.3 NW  
Spearfish: KBHU 89.1 NC to 11 w, -348 ft but GX  
Vermillion: KVHT 106.3 NC to 50kW, 410 ft, RE (2nd)  
Volga: KKQQ 102.3 PC> to 25 kW, 243 feet.

## TENNESSEE:

Centerville: W255AF 98.9 NS-10w: WNAZ 89.1 Nashville  
Cookeville: WWOX 90.9 NW, southern gospel // WTHL  
90.5 Somerset, KY  
Kingsport: WPGH 88.3 NO-RE (3rd)  
Morristown: WMMK 95.9 PG< to 920 w, 817 ft, XC: 36-13-42 /  
83-19-57 (This was noted to have moved to 95.7 tho-gc)  
Shelbyville: WYCC 102.9 GX for 820 ft. height



**TEXAS:**

Abilene: KFXJ 92.5 NO-GE (4th)  
 Abilene: K217CB 91.3 NS-250w: WAFR 88.3 Tupelo  
 Beeville: KTKO 104.9 NC to 105.7 & 25 kW, GE (2nd)  
 Bells: \*\*\* 92.9 PA for class A  
 Crystal Bch: KTKX 101.5 NO-RE  
 Denton: KDZR 99.1 FC to Spanish reportedly coming  
 Friona: KGRW 94.7 NW  
 Hutto: KIKY 92.1 RA with country  
 Pecos: K217CC91.3 NS-10w: WAFR 88.3 Tupelo,MS  
 Pt.Comfort: KAJJ 94.7 CC (NS)  
 Rosenberg: KMPQ 104.9 FC to regional Mexican format  
 // KLTTN 93.3 Port Arthur  
 San Saba: \*\*\* 97.1 GA for class A  
 Tyler: K243AE96.5 NS-99w: KXTX 96.1 Kilgore

**UTAH:**

Centerville: KUMT 105.7 NC to 25.5 kW, XC, but GE

**VERMONT:**

Rupert: WMNV/104.1 NC to 2.6 kW but RE (3rd)

**VIRGINIA:**

Alberta: \*\*\* 103.1 GA for class A  
 Bridgewater: WAMM105.1 PC> to 6kW, 328 ft.  
 Harrisonburg: WMRA 90.7 PG< to 10.5 kW, 1046 ft.  
 Hot Springs: WBHA107.1 NO-RE (4th)  
 Mechanicsville: WCDX92.7 NC to 92.1, 4.5 kW but RE (2nd)

**WASHINGTON:**

Dishman: KWQL 106.5 NO-GE (2nd)  
 Naches: KYKA 96.9 adds SMN oldies (&) (Yakima)

**WEST VIRGINIA:**

Fisher: \*\*\* 103.7 GA for class A  
 Princeton: WAEY 95.9 PC< to 480w/1141', XC- RE (3rd)

• Thanks this month go out to Doug Smith, Matt Sittel, John Lentz, Scott Fybush, Bill Hale, Tim Noonan, Paul Mount, Rick Shafan, Bruce Hall, Mike Lazaro, Saul Chemos, Paul Swearingen, and of course the people at M Street Journal! Also, thanks go out to Mike Lazaro, George Greene, Doug Smith, and Matt Sittel for sending in logos!

• Rick Shafan has noted a translator of Philly's WXPB 88.5 on 104.9, coming in the best in a northerly direction. Not sure what this is, but I will keep you posted if I hear anything!

• Good to see that there will be a 1995 WTFDA Convention-in the Boston metro area. I would like to thank Peter George for offering to host the event, and I am sure that he will do an excellent job! Looking forward to attending if my schedule permits!

• Paul Swearingen sends in an article from the *Topeka Capital-Journal*, concerning the debut of a new FM radio station in that market. The article deals with the sign on of KQTP 102.9 St. Marys, Kansas recently. (The article does not mention it, but M St. Journal lists its sister as being country KTPK 106.9-with KQTP being owned owned by Shawnee Broadcasting Corp.) The format is oldies, with a power of 50 kW. According to station manager Lou Constantino, the station features "a format of top-40 songs from the 1950s, 60s, and 70s" and will be on the air 24 hours. Constantino claims that oldies is such a huge format around the country because "One thing about oldies, everybody likes oldies" (I might beg to differ on that, hi-gc).

**WISCONSIN:**

Appleton: WEMI 91.9 CC (ex WAAU)  
 Brookfield: WLJU 106.9 NO-but WFMR 98.3 (classical)  
 has purchased this station-maybe it will be classical?  
 Dickeyville: \*\*\* 101.1 PA for class A  
 Eau Claire: WHEM 91.3 NO-RE (3rd)  
 Iron River: WNXR 107.3 NW, soft adult contemp.  
 Ladysmith: WLDY 93.1 PC< to 4850w., 358 ft,  
 CO: 45-27-59 / 91-07-23  
 Madison: WIBA 101.5 dec to 1013 ft. XC: 43-03-21 / 89-32-06 (I assume the soon-to-be Madison tower farm-gc)  
 Madison: WERN 88.7 PG< to 21.5 kW, 1264 ft, DA  
 XC: 43-03-21 / 89-32-06 (see WIBA 101.5 comments)  
 Menasha: WAAU 100.3 CC (ex WEMI)  
 Stevens Pt: WMGU 104.9 NC to 25 kW, CL: Marathon, WI but GX (2nd)

**WYOMING:**

Kemmerer: \*\*\* 107.3 GA for class A  
 Rock Spgs: KUWZ 90.5 NW  
 Thermopolis: \*\*\* 98.3 GA for class A

**CANADA:**

**BRITISH COLUMBIA:**

Nanaimo: CKWV 102.3 NW, on air with soft rock format and "The Wave", replacing CHUB-AM 1570

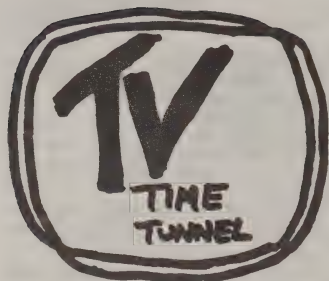
**ONTARIO:**

Orangeville: CIDC 103.5 FC to dance format "Hot 103.5" (co-owned with CING 107.9 Burlington "Energy 108" Hot 103.5 will hope to bring their format a cleaner signal into Metro Toronto North, but no simulcast expected.



He expects to draw ratings from the "four strong radio stations in Topeka" (the top 4 ratings getters listed in M St. are A/C KMAJ 107.7- 15.1, C&W WIBW 97.3-14.4, C&W KTPK 106.9-11.5, and news/talk WIBW-580-6.8). He also expects to draw audience from "a Kansas City oldies station" (presumably KCMO 94.9), but does not feel that the market is too saturated for the format. The target audience is listeners in the age 35 to 49 range. Paul adds that the KQTP calls are only used on the hour, with a non-ID of "Oldies 102.9", with a multi-city legal ID, but always including the city of Topeka.

• Mike Lazaro sends in the radio column "Fine Tuning" by Keith Marder, from the 12/28/94 edition of the *Albany, NY Times-Union*. The article deals with the changes reported in the Jan. column at WKOL 97.7 Amsterdam, NY, which had recently been satellite delivered adult contemporary. In December, with much fanfare, the station adopted an "All Christmas music" format. But that did not last long, as on noon Christmas Sunday-after playing "The Messiah", they changed to their new format of all classical, and a "W-Bach" slogan. (So there may be a pending call change). They hope to focus on familiar classical music, from artists such as Beethoven, Bach, and Brahms, and things like the "1812 Overture". The station manager, Neal Hunter, claims that the attempt at Christmas music was legit, but Marder, and I as well, am skeptical that it was probably a publicity stunt (which has been tried before).



EDITED FOR THE WTFDA AND "VHF/UHF DIGEST"  
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Whoever made the statement that truth is a thousand times stranger than fiction must have known about the 1961 version of the late news at KXGN-tv. Although 35 years have clouded the memory cells a bit, what you're about to read is true...perhaps embellished a bit for dramatic flair, but basically an accurate verbal picture of a most unorthodox radio and tv operation.

## O N E M A N S H O W

It's late summer of 1964. The locale is Eastern Montana. Your editor and two co-workers from CJOB in Winnipeg are winding up a marathon two week vacation that had taken us to Vancouver, San Francisco, Los Angeles, Tijuana, Salt Lake City and Yellowstone Park; and in another 12 hours, back to Winnipeg. Our goal had been to see the sights of the west, visit some radio and tv stations, and mooch accommodations from relatives to keep the cost down.

In all respects the trip had been a great success. We accomplished exactly what we'd set out to do and were armed with several hours of aircheck tapes and lots of 35mm color slides to prove it.

We had visited the likes of CKNW, CHQM, CKWX, KNBC (now KNBR) and KFI. There was even a quick stop at XEC in Tijuana (where the brightness of a light bulb determined correctness of transmitter adjustment). Thus, it seemed anticlimactic to even consider a stop at KXGN AM-TV in Glendive, Montana...but we did...and it was a real eye-opener!

As we rolled through town on U.S. 10 the last rays of sunlight drew our attention to a one bay 'bat-wing' antenna roof-mounted on a one story building. We knew this was a small operation...but...! A thorough investigation now seemed mandatory!

Undeterred by the locked front door, we managed to find an open entrance at the rear of the building. As we entered, we spotted a guy loading slides. After introductions he very courteously showed us around. The tour didn't take long...it was a small operation.

The RCA tv transmitter was snuggled up against the back wall of what also served as the tv master control room. There was a film chain with a couple of 16mm projectors and a drum-type slide projector. On the wall opposite the transmitter was a rudimentary audio/video switching console. Nothing fancy here...no special effects, no fades, no wipes. According to our host they just '...punched 'er up and let 'er rip."

Every now and then the fellow would excuse himself and duck into what appeared to be some sort of audio production facility. We were surprised to find out that the little cubbyhole was the AM side of the operation. Oh...sure it was small, but they had mike jacks in the 'big' tv studio...and even originated live talent programs...with real live musicians!

By now it was beginning to dawn on the three of us that the fellow who was showing us around was the only person in the building. That meant that he was in charge of both the AM station on 1400 and channel 5, KXGN-tv. Accustomed to larger operations like the CBC (where it took at least 2,784 people to do one person's work) we were flabbergasted!

But the biggest surprise was yet to come! About 9:45 PM our host told us that he was coming up on a busy period and would have to leave us on our own. We were welcome to stay...and we did! The local newscast at 10 o'clock was a sight to behold. I only wish that camcorders had existed back then, because what I'm about to describe almost needs visual proof to be believed. Trust me...it did happen...I saw it!



In the 15 minutes prior to news time, our Montana broadcast acquaintance loaded film reels onto both projectors, then pulled a handful of slides, loaded the drums, and left the remainder in a neat stack next to the machine. Next came a quick trip into radio where a pre-recorded long play tape was loaded to replace the syndicated show that had been airing from a vinyl disc.

This was one busy man!

We kept expecting a newscaster to come rushing in at the last minute (news people have a tendency to run late, you know) but as 10 PM neared it became apparent that our host was indeed a one man show. Yes, he was the radio announcer, the engineer, the projectionist, the master control operator, the lighting director; and was about to put on some more hats as he became tv newscaster and camera operator.

A rather plain backdrop on wheels was rolled into place between the film chain and the control panel. It served a dual purpose...to mask noises from the film equipment...and act as backdrop for the announcer. The guy donned one of those Electro-Voice lavalier mikes about the size of a bratwurst sausage and sat down on a stool in front of the controls.

The flip of a couple of switches flooded the area with enough light to do open heart surgery...and revealed the remote controlled vidicon camera in the 'big' studio. The camera was set to shoot through the large window into the control room; and our busy beaver was now panning and tilting with a joystick remote on the console to get himself centered in the picture (a tight shot that cropped out equipment, lights, etc.).

The ½ hour film program was ending...an ID slide was punched up...our host keyed his mike and gave an ID...mike off...slide change...mike on for live news intro...punch up live camera...look at camera...start reading news copy stacked on top of the control console.

About 3 minutes into the newscast there was a commercial break. The fellow rolled film spots which had been spliced together in the proper order and separated by white leader. While the film rolled, he hopped off the stool and darted back to reload the slide drums. A couple of minutes later he was back on the stool...on camera...and forging onward with more news. 10:09...another break...another trip back to re-cue film...back on the air with weather and sports. It seemed like it had been an eternity, but just 15 minutes after it had started the news slide re-appeared on the screen and the newscast was over. The Kleig lights were doused, the camera shut down, and film was rolling for the "Late Show".

As spectators, we were exhausted...and we hadn't done anything but watch! What this guy had gone through in 15 minutes was simply mind-boggling. Not only was it an almost impossible task...he'd done a credible job of news reporting...without a single technical glitch.

We had stayed longer than planned, and by 10:30 goodbyes had been said and we were back on the road...listening to KXGN. Was it live, or was it Memorex? More likely a small miracle in a small Montana prairie town.

In reflecting back on this unlikely scenario of nearly 35 years ago I've often wondered if our KXGN star made a penny over minimum wage. Maybe, as he must have had a first class ticket to operate the transmitters... but whatever his salary, it wasn't enough.

One other question that went unanswered was the origin of the news copy. Surely there must have been other people around during office hours, and I suppose the copy was written by one of them. So much for late-breaking stories (I never did see anything that resembled a newsroom).

Today, KXGN-tv is still alive and well in the smallest market (ADI) in the U.S. It is owned by WBKB-tv in Alpena, MI; the next-smallest market. Now they have videotape and satellite feeds and color...and hopefully... more than one person running the place during the night shift.

# EASTERN TV-DX

Stephen West  
26 Dougherty Blvd. G-8  
Glen Mills, PA 19342

(610) 358-2648

February 1995

Deadline: 5th

Only a few reports this month, with good tropo conditions continuing this winter. Very little skip was reported. A very unusual winter for DX and weather this year.

Jeff Wolf, 2217 Drury Road, Silver Spring, Maryland 20906

December 1994

22 tr 2201 WHP-21 PA  
WHIM-27 PA  
WLVT-39 PA  
WFMZ-69 PA  
2213 WNEP-16 PA  
WYBE-35 PA

December 1994

22 tr 2216 WYBE-35 PA  
2225 WTVB-51 PA  
WBRE-28 PA  
2243 UNID-23 OH (t)  
WITF-33 PA  
WVIR-29 VA **strong!**

Most loggings are new, due to starting totals at the new location.

Doug Smith, 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098

Equipment: Sears 19" color stereo TV; Archer VU-160 for VHF; RS corner-reflector for UHF. with CM-7475 preamp.

December 1994 DX

4	Tr	1928	KSPR-33	MO	(329)	11	Tr	1911	<u>WEMT-39</u>	TN	(244)
5	Tr	0003	KAIT-8	AR	(217)				Note #2		
			KTXH-20	TX	(677)			1928	WSBN-47	VA	(249)
			KVVV-57	TX	(680)			1937	WGNX-46	GA	(236)
			KRIV-26	TX	(677)				Note #1		
		0026	KARD-14	LA	(415)			2021	WL OV-27	MS	(212)
			KTHV-11	AR	(323)			2031	<u>KASN-38</u>	AR	(319)
			KNOE-8	LA	(406)			2035	WMTU-16t	TN	
		0042	WMAV-18	MS	(207)				Note #3		
			<u>KDEB-27</u>	MO	(328)				KTFJ-19	AR	(208)
		0045	KMSS-33t	LA				2046	WMAV-18	MS	(207)
		0056	WLOV-27	MS	(212)			2109	KARD-14	LA	(415)
		0115	KLTJ-22	TX	(680)				WBMG-42	AL	(201)
		1005	WTTO-21	AL	(201)				WFIQ-36	AL	(131)
			WHSG-63	GA	(252)			2329	KAIT-8	AR	(217)
		1009	<u>WJSU-40</u>	AL	(200)	12	Tr	0158	KOLR-10	MO	(329)
			WBMG-42	AL	(201)				WTVA-9	MS	(212)
		1018	WHNO-20t	LA		14	Tr	0750	WICS-20	IL	(268)
		1023	<u>WGNO-26</u>	LA	(472)				WRSP-55	IL	(268)
			WGNX-46	GA	(236)			0800	WGRB-34	KY	
		1040	KNOE-8	LA	(406)				Note #4		
		1059	WJSP-28	GA	(279)			0849	WKOH-31	KY	(101)
7	Tr	0007	WJSU-40	AL	(200)	15	Tr	0029	WTTO-21	AL	(201)
		0008	<u>WSST-55</u>	GA	(361)				WBMG-42	AL	(201)
			WHSG-63	GA	(252)			0930	WKZX-28	TN	(98)
			WVEU-69	GA	(236)	17	Tr	2015	WMC-5	TN	(175)
			WGNX-46	GA	(236)			2032	WL OV-27	MS	(212)
			Note #1						WMAV-18	MS	(207)
		0014	<u>WTLK-14</u>	GA	(181)			2127	WSTR-64	OH	(238)
		0016	<u>WLTZ-38</u>	GA	(298)			2131	WTVA-9	MS	(212)
			WABM-68	AL	(202)			2132	KARD-14t	LA	(405)
			WMBT-41t	GA				2133	KRIV-26	TX	(677)
		0059	<u>WCOV-20</u>	AL	(283)			2150	W57BV	AL	(131)
		0100	<u>WATL-36</u>	GA	(236)				<u>W53AF</u>	MS	(146)
		0105	<u>WALA-10</u>	AL	(395)			2200	WMAO-23	MS	(286)
		0110	<u>WAKA-8</u>	AL	(293)	21	Es	1006	unIDs to 89.7 FM.		
		0114	<u>WXIA-11</u>	GA	(239)						
		0251	<u>WMAZ-13</u>	GA	(321)						

(Continued)



Doug Smith (continued)

December 1994

24 Tr	1012	KARD-14	LA	(415)	(again!)
	1020	WTVA-9	MS	(212)	
	1020	WTTO-21	AL	(201)	
	1934	WICS-20	IL	(268)	
		WRSP-55	IL	(268)	
	2001	<u>WTJP-16</u>	IL	(338)	legal ID
		<u>WTVP-47</u>	IL	(322)	
	2059	<u>KYOU-15</u>	IA	(422)	Fox 15, legal ID
	2107	<u>KHQA-7</u>	(IL)	(338)	
	2109	<u>WGEM-10</u>	IL	(337)	
	2113	KSPR-33	MO	(329)	
	2147	KOZJ-26	MO	(415)	
	2147	<u>KOZK-21</u>	MO	(329)	// above
	2200	<u>KRCG-13</u>	MO	(317)	local news
	2221	<u>KOMU-8</u>	MO	(331)	local news
	2359	KPLR-11	MO	(230)	
25 Tr	0130	KETC-9	MO	(232)	
		WHSI-46	(MO)	(232)	
25 Es	1101	unID ABC-2	o/WKRN:	reached ch. 4 at 11:30 but	
		gone by noon.			
26 Tr	0900	WFYI-20	IN	(246)	
		WHMB-40	IN	(246)	
		WXIN-59	IN	(246)	
		WILB-63	IN	(214)	
	0930	<u>WMCC-23</u>	IN	(266)	
		<u>WCLJ-42</u>	IN	(214)	

Note 1: On Dec. 7, WVEU was airing a CBS movie w/network promos, but WGNX aired a 2-minute promo for their upcoming CBS affiliation. On Dec. 11, WGNX was seen with CBS, on their first night as an affiliate.

Note 2: Local WHTN-39 off for two days.

Note 3: With Fox programming. WMTU used to be a 100% satellite of (non-Fox) WLMT-30. I wonder if it now carries some Fox? Not much else makes sense here.

Note 4: No longer relays WKNT-40, but it's still a Fox affiliate.

William R. Hepburn 35 Lockwood Rd. Brampton ON L6Y 4T7 CANADA

Rcvr: Panasonic PC-29XF40R TV, JVC HR-D630U VCR & Icom IC-R100 Rcvr

Ant: attic VHF dipoles & 2nd floor UHF 4-bay

NOVEMBER 1994 (EST)

11 TR 2359 WNDU-16 IN 357  
 12 TR 0022 WANE-15 IN 328  
 0257 unid ATV tt 425.75  
 20 TR 1144 WANE-15 IN T  
 1159 WNDU-16 IN 357  
 1201 W39AQ-39 OH T  
 (ø offset)

DECEMBER 1994

21 TR 0036 WANE-15 IN 328  
 0037 WFLD-32 IL T  
 0039 SBn 16.46 IN T  
 0358 WTJC-26 OH 334  
 0402 unid ATV aud 425.75  
 24 TR 1957 WNDU-16 IN 357  
 2007 WANE-15 IN 328

DECEMBER 1994

26 TR 0538 W14AH-14 NY 223  
*Binghamton (TBN)*  
 27 TR 1850 WCET-48 OH 398  
 1854 FwA 15.21,33.39 IN 328  
 1855 WTJC-26 OH 334  
 1856 Day 16.22.45 OH 357  
 1857 W60BJ-60 OH T  
 (-offset)  
 1858 (WSTR)-64 OH 398  
 (ex-Will)  
 1900 WTVQ-36 KY 458  
*Lexington*  
 1904 WKMR-38 KY 424  
*Morehead*  
 1907 Lou 15.32 (IN) 483

DECEMBER 1994

27 TR 1910 WKZT-23 KY T  
 WKYT-27 KY T  
 1911 WTIU-30 IN 468  
 1912 WNIU-34 IN 356  
 1924 WPBY-33 WV 379  
*Huntington-Charleston*  
 1948 WKOI-43 (OH) 381  
 1951 WTSF-61 (WV) 387  
*Ashland KY*  
 2010 WTAP-15 (OH) 312  
 2011 WOUB-20 OH 325  
 2027 WQED-13 PA 222  
*Pittsburgh (w/CKCO)*  
 2321 WFYI-20 IN 421  
*Indianapolis*  
 2327 WKON-52 KY 441  
 (s/off)  
 2329 WPTO-14 OH 385  
 2332 WPBO-42 OH T  
 28 TR 0010 WFTE-58 IN T

NOTES: 1. W14AH Binghamton was + offset.

2. WSTR-64 IDs as "Star-64".

3. WEST VIRGINIA becomes State # 35 for me! (I have often received WTAP-15, but its xmtr is in Ohio). WPBY-33 IDs as "West Virginia Public Broadcasting".

4. WTSF-61 IDs as "Christian Television". Local religious programming.
5. WPTO-14 now has a separate ID from WPTD-16.

**FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY NY 13041 (ELT)**

**Equipment:** Receiver - Panasonic CT-11108  
Antenna - 4-Bay Bowtie at 40' AGL  
Preamp - Wineguard AC-4990

No new stations logged since last report (10/92!) thru 1993:  
TV DX for 1994 follows: \*=new to log.

JULY 1994

28 Tr 0006 \*CKWS1-66 ON //CKWS-11

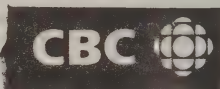
OCT 1994

15 Tr 2013 \*W39BC-39 NY 139  
2315 \*WANE-15 MI 484  
2215 \*CIIITV22-22 ON 332 GTN  
16 Tr 0028 \*WPTA-21 IN 484 21 Alive  
0039 \*WINM-63 IN 464 TBN  
Relogs: MI-23/25/28/38/56/66 OH-27 IN-63



DEC 1994

26 Tr 2100 \*WTLJ-54 MI 511 TBN  
2316 \*CBOT1-59 ON 171 CBC  
2321 \*CBLNVT1-56 ON 220 CBC  
27 Tr 0005 \*WL4AH-14 NY 70 TBN  
0019 \*CBLFT15-34 ON 220 FFC  
0025 \*CFMT2-60 ON 159 //CFMT-47  
0030 \*CBOT2-19 ON 180 CBC



Relogs: ON-Many TVO/GTN/CBC-FFC MI-14/35/66

1994 Es noted on 4/30-MO/LA, 5/17-NF, 5/23-TX/OK, 5/29-FL/AL, 6/10-LA, 6/11-AL/GA/FL/OK/MO/KS, 6/12-FL/LA/GA/LA/TX/OK/KS, 6/21-FL/TX/LA/MS/AL, 6/25-KS, 6/26-NE/AL/MS/LA, 6/27-FL/TX, 6/29-OK/MO/TX/LA, 7/1-SD, 7/3-TN/TX, 7/4-TX/LA/MS, 7/9-OK/TX, 7/10-UNID, 7/13-KS/MN, 7/16-TX, 7/19-MS/TX/AR, 8/19-OK/AR/MO, 12/21-AR/TN.

It was a banner year for Es!

Anybody have TV station lists affiliated with the following?:

CHA, HSN, TBN, JBN. It would help on LPTV UNIDS during Tropo CX.

Totals now up to 353. Happy New Year! 73 - Fred.

Richard Contone, 162-07 87th Street, Jamaica, New York 11414

"A lot of QRM at this QTH recently. I constructed an active filter which cut down the interference problems so far, especially UHF. Splatter on VHF TV is the worst.

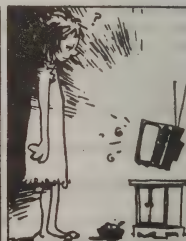
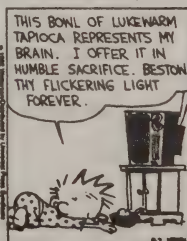
## CALVIN AND HOBBS

by Bill Watterson

16



THANK YOU FOR THE ARTIFICIALITY OF QUICK SOLUTIONS AND FOR THE INSIDIOUS MANIPULATION OF HUMAN DESIRES FOR COMMERCIAL PURPOSES.



CALVIN AND HOBBS  
courtesy of Bill Watterson/  
Universal Press Syndicate

Thanks to:  
Jeff Kadet, Macomb



# WESTERN TV-DX

February 1995

Victor Frank  
12450 Skyline Blvd.  
Woodside, CA 94062-4541

e-mail frank@sneezy.sri.com  
(415)851-7031

I'm new to this column. If you haven't noticed, it has been on hiatus the past few months, and most of what I'm presenting this month is material sent to the former editor, Fred McCormack. Thus, most of the material is "old news", and I hope you readers will excuse me under the circumstances. I do feel a debt to those of you who have labored many hours to collect these loggings.

I do hope to catch up within a month or so, and would appreciate receiving frequent short logs (say once or twice a month) rather than compilations of a whole season. You may send logs by mail to the address above, or by e-mail to the Internet address. The telephone number given has been taken over by my daughter's answering machine—don't be intimidated, just speak up at the beep. I'm not sure if I'm still reachable by packet radio, my call is K6FV and I was registered to N0ARY. Oh yes, if your listings are on a computer, I can read IBM and Mac disks of 1.4M and below.

I also must apologize for the change in format and small print. You wouldn't believe the problems I've had trying to create 8½" X 12½" pages with my HP LaserJet and WordStar (and these fonts). When the number of listings falls, I'll make the print bigger—but I'd like to keep the column to five pages or less. This month our format is two columns, and there may be one or two successive loggings per column line. If two, they are separated with " |".

The usual order of information in the loggings is time, call letter, channel, and distance in statute miles. Times are local daylight or standard (depending on the date). I've printed it, if it was given. I'd just as soon use UTC and kilometers, but I'd better not press it. Fred McCormack filled in (or suggested) calls for some of the unknown stations. At the present time I am unable to do the same.

New entries are underlined. A "\$" signifies stereo. A "t" after the call sign signifies a tentative identification. I haven't figure out what @ in front of the call means. The station or network being carried on a translator usually appears in parentheses after the listing.

I am a research engineer specializing in radio wave propagation. I also publish The 50 MHz DX Bulletin and the Sanyo PC Hackers Newsletter. Some of the Es TVDX listings may also be published in the 50 MHz DX Bulletin.

Dennis Park Smith, 3703 Dixon St, Santa Barbara, CA  
93105-2419 (805)687-7803 PDT/PST

Equipment: Sears 9" B&W semiportable Model  
564.5001000 (tube) with rabbit ears and bow-tie

Report is for September through December 1994. No skip was seen during this time during the odd times that I checked. The tropo path to San Diego/Tijuana (175-200 miles) was consistently good in the first half of September, as it had been during much of the summer, but was up and down in the second half of September. XHBJ-45 Tijuana was seen, though, which hasn't been seen for a couple of years, at least. I thought that perhaps it had gone off the air, but it was in a little, this time with less strength than others that have been consistent, such as the San Diego UHF's as well as XHAS-33 Tijuana. I wonder if XHBJ has lowered its power. It still has its music-video format.

Then, from October through December, the tropo has been infrequent at best, which is typical at this time of the year. In December, there were pairs of a few different good days, though, which gave me a look at two new stations on the air. They are both Spanish, on channels 21 and 27, both possibly Tijuana-based. I haven't had time or opportunity yet to check call letters and programs/networks.

I saw the article "Lightning and E-Skip" by Larry Curcio in the June 1994 VUD, and a comment about it in Southern FM-DX in the September 1994 VUD. The article was about signals received by Es (sporadic-E propagation, what we informally call "E-skip") from locations where violent, and particularly electrical weather also is. The comment was that, logically, such storms and Es patches should be at the path midpoint, with the article perhaps being "off the wall?" Maybe. Maybe not. I have myself received signals from areas where violent weather such as tornadoes watches/alerts are, as well as being in locations where there is violent weather and skip noted at the same time from elsewhere. This is more than coincidence. There is much that is yet to be learned about how Sporadic-E propagation works. Any possibilities shouldn't be dismissed, even if they don't seem to make "traditional" or logical sense.

Best of DX to all!

Ernest J. Wesolowski, 13312 Westwood Lane, Omaha, NE  
68144-3543

August 1994  
27 tr 0700 K33AB 33 1A ? IPTN Sibley, IA  
0702 K20AD 20 MW 168 ABC (Worthington?)  
0714 KTTW 17 SD 163 Fox  
0728 K15EB relay for KTTW/KTTN Huron,  
Sioux Falls  
Other Northern Iowa stations seen in full living  
color. 14, 21, 24, & 27.

Keith K. Smith, 3924 Sims Ave., St. Ann, MO 63074-1926

September 1994 CDT  
5 tr 2323 K4OUT 15 1A  
KLJB 18 1A (over K18BT)  
WMEC 22 1L  
KJMH 26 1A  
WTPV 19/25/31 Peoria  
WYZZ 47 1L  
WYZZ 43 1L  
WISH 8 1L

I visited Rockport, MO recently. K02NQ does not have a good signal outside Columbia, and the only channel 2 I saw at Rockport was an unID (maybe KQTV?). K11SN and K56AU both came in nicely, but as with KMOS-6, very directional... still, not bad for being 12 miles out! Channel 11 was seen with programming—and a "shiny" ID—from the American Independent Network (AIN). While in Rockport, I noticed KOLK-10, KYTV-3, and KMBC-9.

On a final note, KMIZ-17, KHQA-7, and KODE-12 have all gotten Fox football for their markets. KODE also airs some other Fox shows, mostly from 12:05-1:05 AM. Ernie sent me a Vermont TV Guide which seems to indicate that WCAX-3 and WWTI-50 also carry Fox football. "WWBI-27" serves Burlington, VT/Plattsburg, NY as an independent. No channel 27 allocation for that region in my files. Is this an FCC "surprise" allocation? Or maybe an LPTV?

Eric Bueneman (N0UIH), 631 Coachway Lane, Hazelwood, MO 63042-1347 (314)839-9751

Equipment:  
Yorx 4.5" B&W TV/AM/FM/FM Stereo boombox,  
Archer VU-110 VHF/UHF/FM antenna with  
Archerotor at 33' AGL.

August 1994 CDT  
29 tr 2128 WEHT 25 1W 165  
2129 WEVV 44 1W 165 (Snow-free!)  
2130 WFIE 14 1W 165  
2131 WSTL 3 1L 130 (Snow-free!)





**Western TV DX** *Jeff Kadei's report continues*  
will go down as the neatest and most readable column in  
WTFDA history, in my humble opinion. I've known Fred  
since we both used to report to the old Newark News Radio  
Club TV DX column in the early 60s. Again, thanks Fred.  
You deserve a rest! 73.

Danny Oglethorpe, P.O. Box 6688, Shreveport, LA 71136-  
6688 CDT

**Equipment:**  
JC Penny (RCA) 19" TV, RS 15-1718A 45 element  
V/U/F at 32' AGL, RG-6; rabbit ears from some VHF tr

**Corrections:** KFOR OK, KOCO OK, KENS TX and  
KRGV TX were received by tr. I am sorry about the  
errors in my June loggings. I think the bugs have finally  
been worked out of my logs now that Es has slackened off,  
giving me some time to think and study.

<b>August 1994</b>									
16 tr	0035	WBZ	2	LA	210	0243	WABG	6	MS 220
	0310	KLAX	31	LA	95	0320	WPSD	6	KY 420
	0320	KFVS	12	MO	410		unID	13	(HSC)
	0440	unID	5	(CNN Nc)		1015	KLTL	18	LA 160
	2058	KBRZ	2	LA	210	2205	KFXK	51	TX 60
18 tr	0018	unID	2	(2 stations)					
Es	1044	unID	2	(CVC)	1050	unID	2	(Spanish)	
	2100	WCBZ	2	SC	790				
19 tr	0015	WBZ	2	LA	210	0135	KJAC	4	TX 175
	0150	KPLC	7	LA	160	0250	KBMT	12	TX 165
	0250	KBMT	12	TX	165	0815	KWTX	10	TX 200
	0815	Houston	8, 11, 13						
	0826	KLTL	18	LA	160	0850	KXAN	36	TX 280
Es	1012	WRAL	5	NC	880	1010	WJND	2	NC 1040
	1050	WUNC	4	NC	880		WFMY	2	NC 700
	1052	WJUK	2	TX	660		WCTB	5	VA 700
	1101	WTVR	6	VA	990	(see note #1)			
	1117	WTTG	6	DC	1020	1117	WRCT	4	DC
	1143	MDTVt	5	WV			WDAZ	4	WV 780
	1200	KDKA	2	PA	1000	1231	unID	2	(Sesame St)
	1235	WGRZ	2	NY	1110				
tr	2200	WFAA	8	TX	180	2240	Little Rock	AR	7,11
	2326	KVTN	25	AR	160				
20 tr	0240	WBZ	2	LA	210	0320	unID	13	(ANC Nc)
	0323	WAFB	9	LA	210	0330	KBMT	12	TX 165
	0455	WLBZ	3	MS	200	0502	WKERA	13	TX 180
	0520	WGNO	26	LA	270				
21 tr	0910	KXAS	5	TX	210				
24 tr	2335	KASB	38	AR	160				
26 tr	0913	KPRC	2	TX	200				
29 Es	1825	unID	2	(XEV Net)	1940	unID	2	(TV Azteca)	
31 tr	0210	AR	2, 4, 7, 9						
	KEHY	6	AR	270	(//2; AETN)				

<b>September 1994</b>									
8 tr	0425	KARD	14	LA	90	0425	KTVN	25	AR 160
		AKASN	38	AR	160		KNCX	39	LA 90
		KFXK	51	TX	60		KETX	56	TX 80
9 tr	0516	KLRLT	16	AR	180				
	0915	KARD	14	LA	90	0915	KLRT	16	AR 180
		KETX	56	TX	80		1815 Little Rock	2, 4, 7, 11	
10 Es	1040	unID	2				1850 unID	2	(TV Azteca)
11 Es	1655	KDKA	2	(CTV)			1726 WGRZ	2	NY 1110
	1736	KDKA	2	PA	1000		1756 WTAET	4	PA
		WJVB	4	NY	1110		1855 CKC02	2	ON 1130
	2001	KWGN	2	CO	830				
12 Es	1105	unID	2	Flintstones					
13 Es	0718	unID	2	(note #2)		0330	WBZ	2	LA 210
tr	0750	KJAC	4	TX	175				
14 tr	0205	KLKY	10	LA	180		WMAO	23	MS 170
15 tr	0455	WKNT	2	TX	200		KLRT	16	AR 180
		WCVT	15	MS	170		KLPA	25	LA 954
		KVTN	25	AR	160		& = KVTN GONE		
	0650	KLTV	22	TX	200	0730	CCI ON LOC	24 & AR	16
		* = W/CCI							
23 tr	0835	KLAX	31	LA	95	0830	CCI ON LOC	24 & AR	16
	0855	WMPN	29	MS	200	//WMAO			
	2255	WMT	30	TX	290	0905	WHBO	13	TX 290
26 tr	0235	KLAX	31	LA	95		KFXK	51	TX 60
27 tr	0030	KASN	38	AR	160		WMBD	40	MS 200
	0140	KRVV	26	TX	200	0331	KTXH	20	TX 200
28 tr	0740	Houston	2, 8, 11, 13, 14, 20, 22, 26, 39						
	0754	KTMJ	48	TX	215		KTFH	49	TX
	0758	KHMS	51	TX	200		0820 KLSB	19	TX 80
	0820	KLTL	18	LA	160		0838 KTRF	7	TX
	0838	KGHS	8	TX	475		0916 KENS	5	TX 350
	0916	KJAC	4	TX	175		0945 KPLCT	7	LA
	0945	KFDW	6	TX	165	(See note #3).			

<b>October 1994</b>									
8 Es	1855	KDKA	2	PA		1935	WMAR	2	ND
20 tr	1805	WAPT	16	MS		1905	WMAO	17	MS
23 Es	1920	WMAR	2	ND		1935	unID	2	NEX (*TV7*)
27 tr	0100	WJTV	12	MS		(floating on local)			

**Note #1:** Floating over local KTAL. IDed by graphics on local news and ads for WRVA and Capital Trucks.

**Note #2:** In and Out, over and under KETS, for half an hour. NBC's Nightside. Freestyle-type "2" logo. Not KNAZ unless they have a new logo.

**Note #3:** My second catch floating over local KTAL. ID at 1000. Used rabbit ears for this and KGNS.

I hope Fred has more time to DX. Thanks for your years of service to DXers! Good luck to our new editor! Great Es and good tr! I'm thankful for such an enjoyable TV-DX summer!

Most-seen Es of the summer:  
WMAR ND and WUND NC, 13 days each  
KNAZ AZ, 12 days  
WGRZ NY, 10 days  
WPBT FL, 8 days

Total stations logged (Es and tr) May-September: 139.  
States: 29.

Frank Merrill, P.O. Box 669, Macomb, IL 61455 CDT

**Equipment:** Icom R-7000 with Video adaptor, and/or Zenith Model 1310 13-inch color set from early 1980s (when they were good!). Winegard 8100 VHF/UHF at 40 feet for all tr and some Es; Channel Master 1110 VHF mounted vertically at 10 feet for nearly all Es.

<b>July 1994</b>									
1 Es	1437	Cube	2	FL		#1	Cube	2	(sign-on)
6 Es	1700	WPBT	2	FL		1810	KIIL	3	TX
8 Es	1810	XHY	3	YU	1340	1828	KEWV	3	NH
	1815	WTVY	4	AL			KNAZ	2	AZ
	1900	KOB	4	NM		2100	KPRC	2	TX
	1930	KRGV	5	TX					
	2100	WPBT	2	FL					
9 Es	1545	WPBT	2	FL		1610	WJXT	4	FL
11 Es	0910	XFBT	2	NL		0933	XH	5	CVC shop
	0933	XH	5	CVC shop		0940	KMOL	4	TX
	0940	XH	4	Canal 13, Telev. Azteca from SW		1130	WML	4	LA 728
	1130	WDSU	6	LA	725	1130	WML	4	LA 728
	1200	WGRG	5	AL	691	1245	WLBZ	3	MS 569
At last! Call letters (WLBZ) over Oprah									
12 GW	0200	WMAO	40	IL	45	(Quincy TAB)	"Yecchi!"		
tr	0200	Some N. O. U's							
	0210	W32AC	32	IN	270	(Muncie TBN) (rare)			
	0210	WPTT	22	PA	565	(CCI only, against WSBT)			
	0213	W43BX	46	OH	385	(Toledo TBN)			
	0213	WSFJ	51	OH	434	"This promising opening died"			
Es	1600	WESH	2	FL		1805	KPRC	2	TX
13 tr	0418	W19BH	19	OH	334	(Defiance bulletin board, WDFW-98.1 audio) All Ft. Wayne strong, even W45AG.			
13 Es	1300	WCBZ	2	SC		1300	WCSC	5	SC
		KACB	3	TX		1500	KYUS	3	MT
		KFBZ	5	MT			CKND	2	MB
	1700-1730	various SK/AB							
	2048	CBFT	2	QU		2100	KTVQ	2	MT 8' ant
	2100	WGBH	2	MA	45' ant	2124	CHOV	5	ON 772
	2145	CFCL	2	ON	"ACTV"	2205	KDMA	2	ND
14 Es	0140	GBAF1-1.5	WB	1206	3/4 bars, "Moncton (or may be) Fredericton" - forgot to write down specifics				
	0160	unID	3/4 bars	on 41	unID "vertical" on 2				
	0215	WLBZ	2	NE	Nightside				
	0215	WABZ	5	NE	HSS	0939	WCSC	5	SC
	1020	WTVJ	4	FL		1030	WJFT	5	FL
	1030	WPBT	2	FL		1030	WESH	2	FL
	1050	CBWFT	3	MB		"Winnipeg" 3/4 bars - which one?			
	1050	CKND	2	MB		1054	WPTV	5	FL
	1100	WEDU	3	FL		1101	KGFE	2	ND
	1105	WMAV	3	NC		1105	WCPX	6	FL
	1119	WCIX	6	FL		1145	CKOS	5	SK
	1200	KOAA	5	CO	755	1213	WKRG	5	AL 691
	1728	WESH	2	FL					
16 Es	09007	WESH	2	FL		1500	WPBT	2	FL
17 Es	1800	WEDU	3	FL					
	1900	WESH	2	FL					
19 Es	A "biggie"	- got real busy on FM							
	0900	WJND	2	NC		0900	WTKR	3	VA
	0916	WUNC	4	NC	697	0932	WRAL	5	NC 734
	1026	(FM WJF 107.9 NC)				1120	WFL	6	PA 810
	WFLB	was last Eastern U.S.							
	1155	KMID	2	TX		1200	KOAA	5	CO 755
	1200	KASA	2	NM		1230	KSMK	3	KS 589
	1300	KREG	3	CO			KWGN	2	CO
14 Es	0930	WESH	2	FL		0948	WCBZ	2	SC
	1100	WEDU	3	FL			WTVJ	4	FL
		WMAV	3	GA			WCPX	6	FL
		WPTV	5	FL		1259	WDIQ	2	AL 658
	1300	WTVY	4	AL	712	1759	CBFT	2	QU





# Western TV DX *Fernando Garcia's report continues*

tr 2100	KLTL	18	LA	547	2100	KVHP	29S	LA	528
2230	KLBP	24	LA	566	2200	KADN	15	LA	584
2300	KITU	34	TX	500		under local			
19 tr 0545	KFKK	51	TX	556	0545	KETK	56	TX	534
0600	KHSS	33	LA	615	0630	KDOR	17	OK	796
0630	KXII	12	OK	600	0700	KTADT	45	OK	
0700	KHBT	47	OK	600	0730	D/FW UHFs	TX	519	
20 tr 0600	KDIX	58	TX	519	0630	KFKK	51	TX	556
Es 1130*	untd	2	CBS						
21 tr 0545	KRFW	52	TX	522	0630	D/FW UHFs	TX	519	
Es 1100*	KQTV	2	MO	1025	1130*	KTVL	2	MO	1025
1145*	untd	2	NBC		1230*	KGAN	2	IA	1243
1255*	died out								
22 tr 2200	KVHP	29S	LA	528	2200	KLTL	18	LA	528
2230	KITU	34	TX	500		(over local)			
23 tr 0145	WVLA	33S	LA	634	0145	KADN	15	LA	584
0200	KLAX	31	LA	618	0530	D/FW UHFs	TX	519	
0545	KFKK	51	TX	556	0545	KETK	56	TX	534
0600	KHSS	33	LA	615	0630	KLTS	24	LA	615
0745	untd	30	TBN	ne	0800	KWLBt	45	LA	615
0800	KLPA	25	LA	615	0830	KASH	38	AR	774
2100	N. Orleans	LA	697		2230	KITU	34	TX	500
2200	KLTL	18	LA	547	2230	KVHP	29S	LA	528
2245	WMBH	44	LA	631	2245	WCLL	49	LA	690
2300	K62DW	62	LA	590		(Lafayette CHA)			
2300	untd	65	rel.		2345	WMPV	21	AL	839
24 tr 0000	WMAH	19	MS	771	0515	untd	66	TBN	ne
0530	untd	61	VJN	ne		D/FW TX	21S, 27, 33, 39, 58		
0545	KFKK	51	TX	556	0600	KETK	56S	TX	534
0600	KLAX	31	LA	618	0600	KADN	15	LA	584
0615	KFWB	52	TX	522	0615	KDOR	17	OK	796
0745	KLBS	19S	TX	516	0800	KHSS	33	LA	615
0800	KLPA	25	LA	615	0800	KLTS	24	LA	615
0815	KUVN	23S	TX	544	0815	KMPS	29	TX	559
0830	KASH	38	AR	774	0830	WDBD	40	MS	749
0900	untd	40	rel.	ne.	0900	W65CE	65	LA	615
0930	K2IDM	21S	LA	547		(Lafayette VJN)			
1000	KPLC	7	LA	547	1000	WAFB	9	LA	637
2000	KLBP	24	LA	566	2015	WVLA	33	LA	634
2100	N. Orleans	LA	697			Channels 26, 32, 38S, 49			
2130	untd	30	rel.	ne.		(Family Met)			
2200	KLTL	18	LA	547		(Video o/ loc.)			
2200	KITU	34	TX	500					
2230	KVHP	29S	LA	528					
25 tr 0430	K46CR	46	LA	646		(Baton Rouge VJN)			
0430	WAPT	16	MS	749	0430	untd	54	n-ne	rel.
0445	WMAH	17	MS	696	0445	WMPV	29	MS	743
0445	KLTL	18	LA	547	0500	KVHP	29S	LA	528
0545	untd	61	VJN	ne	0600	D/FW UHFs	TX	519	
0600	KFKK	51	TX	556	0600	KETK	56	TX	534
0615	KLAX	31	LA	618	0630	KHSS	33	LA	615
0645	KWVT	15	MS	796	0700	KASH	38	AR	774
0730	WDBD	40	MS	749	2100	WVLA	33	LA	634
26 tr 0600	D/FW UHFs	TX	519	0600	KFKK	51	TX	519	
0600	KETK	56	TX	534	0630	KUVN	23	TX	544
0700	KMPX	29	TX	559					
Es 1900-2030	untd	channel 2	E.			channel 3			
tr 2100	WVLA	33S	LA	634	2100	KLTL	18	LA	547
2115	KADN	15	LA	584	2115	KITU	34	TX	500
2130	KLBP	24	LA	566	2130	KVHP	29S	LA	528
2200	WMAH	17	MS	696					
27 tr 0100	KLAX	31	LA	618					
0545	K30					(untd KWOV-48)			
29 tr 0545	KETK	56	TX	534					
30 tr 0545	D/FW	21, 33, 58	519		0600	KETK	56	TX	534
0615	KVHP	29	LA	528	0630	KFKK	51	TX	556
0745	D/FW	39, 52	TX	519					
Es 0800	WSJK	2	TN	1249					

## August 1994

1 Es 1500	see note #2	1900	unlde chs	2-5 n-nw
2000	KQTV	2 MO		
2030	KSNK	2 KS	889	
2115	KSNW	3 KS	851	
2 tr 0600	KDIX	58 TX	519	
3 Es 1845-2045	unl chs	2-5 EE		
6 Es 1715	unl ch	2 ne		
7 tr 0730	KDIX	58 TX	519	0800 KTXA 21 TX 519
8 tr 0645	D/FW	33, 39, 58	519	
11 Es 1900	unl ch	2 north,	ccl ch	3, 4
13 Es 0900	unl ch	2 NBC nw		
15 Es 0700	WPBT	2 FL	0800* MESH	2 FL 1178
0900*	unl ch	2 ne	0930*	died out
tr 1900	KDIX	58 TX	519	
17 tr 0600	D/FW	21S, 52 TX	519	0645 D/FW 27ccl, 33, 39, 58
0645	KETK	56 TX	534	0700 KHSV 49 TX 519
2200	KLTL	18 LA	547	2300 KLVH 33 LA 634
2300	KADN	15 LA	584	2315 KVHP 29S LA 528
18 tr 0600	KFKK	51 TX	556	0600 KMSS 33 LA 615
0645	D/FW	21, 33, 58	519	0645 KETK 56 TX 534
0700	KLTS	24 LA	615	
Es 1900-2000	ccl ch	2 east		
tr 2200	WMAH	17 MS	696	2200 KLTL 18 LA 547
2315	KLAX	31 LA	618	2315 KVHP 29S LA 528
19 tr 0600	KFKK	51 TX	556	0600 D/FW 27ccl, 39, 49, 52
0615	KMPX	29 TX	559	0700 D/FW 21, 33, 58 519
20 tr 0030	KLAX	31 LA	618	0045 KARD 14 LA 653

0400	KETK	56S	TX	534	0400	KHSS	33S	LA	615
0600	D/FW UHFs	TX	519						
Es 1300	untd	2	PBS	75					
tr 2130	KVHP	29	LA	528	2145	KLTL	18	LA	547
2230	KLPA	25	LA	615	2230	KLAX	31	LA	618
23 tr 2200	K20	20	TX	(K470F)		presume	K20EK	Kingsville	
24 tr 0230	D/FW	27, 39, 49, 58	519		0645	KFMD	52	TX	522
25 tr 0600	KDIX	58	TX	519					
27 tr 0630	D/FW	33, 52, 58	519						
28 Es 1650	KTVB	3S	MO	1112	1650	KCTV	5S	MO	982
1700	KLME	3S	NE	1019	1700	KMTV	3S	NE	
1715	KQTV	2	MO	1025	1730	KNOP	2	NE	1144
1800	WAFB	4	MO		1830	untd	3S	ABC	
1915	died out								
29 tr 0600	D/FW	33, 58	TX	519	0615	KETK	56	TX	534
0615	KFKK	51	TX	556	0630	D/FW	49, 52	TX	519
Es 1845	untd	2	SS	ee	1900	ccl	chs	3, 4	
31 GW 2200	KHFOX	17	TA	124		(see note #3)			

## September 1994

3 tr 0615	D/FW 52, 58	TX 519	0330 D/FW UHFs	TX 519
4 tr 0330	KETK 56	TX 534	2130 KVNP 29	LA 528
0630	KFKK 51S	TX 556	0500 KLDT 55	TX 544
5 tr 0645	D/FW UHFs	TX 519	0515 KJTL 18	TX 597
0500	KETK 56	TX 534	(Mt. Pleasant CHA)	
0515	K54CBT 54	TX 559	0530 K31 31	see note #4
0530	KMPX 29	TX 559	0600 KLTS 24	LA 615
0545	KRFW 52	TX 522		
0615	KWLB 45	LA 615		
0630	K31A1 31	TX 451	(Huntsville TBN)	
0645	WMTZ 48	MS	0700 KWMB 47	OK 764
0700	KOKI 23	OK 764	0700 KTLC 43	OK 705
0700	untd 59	ABC n	0715 untd 55	NBC n
Es 1900	YSRT 2	ES	0500 KETK 56	TX 534
6 tr 0500	D/FW UHFs	TX 519		
7 tr 0600	N. Orleans	UHFs 693		
8 tr 0645	WVLA 33	LA		
9 Es 1845	YSR 2	ES 1100	1900 YSU 4	ES 1100
1900	TGV 3S	GT 1019	1915 untd 2	as see note #5
1915	XHAQ 4	CS	(Tuxtla Gutierrez XHDF-13)	
1930	ch 4	Nicaragua	1945 HRTGT 5	HN
11 Es 0830	KGWN 2S	CO 950	0830 ccl 4	
0845	untd 2	ABC nw	1630 WPBT 2	FL
1645	WESH 2	FL	1700 untd 2	CBS
2130	died out			
13 tr 0630	KWVH 54	TX 354	(see note #6)	
GW 2100	KHSTC 25	CU 40	(Saltillo XEQ-9)	see note 7

\* = I wasn't at home, I used VCR.

News: Semilocal XHNUL-57 changes its call letters to XHFTX, they are running a 1500 kW transmitter, see note #3. Televisa XEQ-9 is going to have up to 60 relay stations nationwide, first two that I know to be on the air are ch 24 in Tampico and ch 25 in Saltillo.

I read in local newspaper that stations of Television Azteca networks XHDF-13 "Canal 13" and XHMT-7 "TV-7" are going to air some regional programming and -- messages. This is going to help for identifying to DXers (they have just changed their slogans). They are going to add many new relay stations nationwide.

Note 1: New station on the air first day noted, semilocal signal, peaking to so, it must be in Montemorelos, Allende or Linares, Nuevo Leon, I think they are still testing, they keep changing programming: XEW-2, XHDF-13, UNI, ARTS, TRAVEL, etc., this station was on the air for a week only.

Note 2: FM from Central Florida up to 91.1 MHz, noted from car at work.

Note 3: First time noted, new station for Reynosa, this and XHFTX-57 begin regular programming on September 4, 1994 at 10 AM. Both are FOX (yes, the FOX surprise came to Mexico). These stations are using Spanish subtitles for movies, but all advertisements are in English. Both put a strong semilocal signal into my shack. Their IDs follow:

XHFOX FOX 17, McAllen, Harlingen, Brownsville  
XHFTX FOX 57, Nvo. Laredo

Note 4: Music videos in Spanish.

Note 5: Mention of state of Tabasco.

Note 6: New station on the air for Austin, programming is weather info for central Texas.

Note 7: Another semilocal station for me. Signal peaks to northwest, although Saltillo (this city is 3100 ft higher than Monterrey) is to the southwest. (Non-direct due to mountain to my sw. This station has been on the air for about two weeks, today broadcasts a regional program.

# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NEW YORK 14221

e-mail: coniglio@geog.buffalo.edu

coniglio@acsu.buffalo.edu

V131KKDN@UBVMS.BITNET

For DXers in: MA,NH,VT,CT,MA,RI,NY,PA,NJ,OH,MI,IN,IL,WI,MN,IA,NE,SD,ND,MT,WY,ID,WA,OR,AK,Canada  
**February 1995**      **DEADLINE: The 5th**      **LOG CUTOFF: 3 months from postmark**

Another small column this time thanks to a general lack of activity. There are some reports of meteor scatter and tropo-scatter loggings as DXers concentrate on these modes for the off-season. Conditions were at least above normal in December in many parts of the east thanks to the frequent moist, high pressures, but probably not enough worthy of a report. Right at the end of December there was a great TV opening round here and the Midwest that didn't seem to crack FM much, at least here. Looking forward to seeing if anyone out there did indeed clean up in that opening on FM, if you did, or with any other opening, let's hear from you!....

**dBRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO CANADA N3T 1E2**

Equipment: JVC JR-S201 receiver (IF mod with 3 110 khz filters), Magnum Dynalab Sleuth 205 amp, Probe 9 fed with RG6 at 50 feet AGL, Crown Rotor, Distances in kilometres.

## NOVEMBER 1994 DX

### 16 GW

1002 CIQB 101.1 ON Barrie, B101 after news, "Another 30 min. music marathon on the new B101 FM" 151

### 20 GW

1306 {CIDR} 93.9 ON Winsdor, new AAA (adult album alternative) format, "The River 93.9 FM, True to the music", ex: CKLW 243



## DECEMBER 1994 DX

### 13 Tr, MS

0101 {WKVE} 97.5 PA St.Marys, "97-KVE Northwestern PA, Southwestern NY" 234

0105 WQHQ 104.7 MD Ocean City, sr "Q105, the Philadelphia Phillies" 689

### 14 MS

0906 WSSS 104.7 NC Charlotte, "We're Jack & Joe and this is what's happening on the new Star 104.7" 878

0923 KTOZ 104.7 MO Marshfield, Channel Z non-ID heard, also uses "The Planet" 1254

### 22 GW

0622 CJXK 95.9 ON Ajax, "Durham's new Country FM KX96, playing new country & proud of it" 119

**JOEL ROSENBERG - 19 GLENAYR RD. - RICHMOND HILL, ONTARIO CANADA L4B 2W3**  
(905) 884-8454-Equipment: 6-element Delhi FM yagi rotated at 50' AG, .412 coax, Marantz 125 tuner

## MAY 24, 1994 Es & Tr

2054 KRMD 101.1 LA Shreveport  
2100 WRIF 101.1 MI Detroit  
2142 WKKY 104.9 OH Geneva, "Country 104.9"  
2159 WNFR 90.7 MI Sandusky

## SEPTEMBER 16, 1994 Tr

0800 WRKI 95.1 NY Bristol Center, between locals on 94.9 & 95.3

## OCTOBER 16, 1994 GW

2104 QKDX 88.5 ON Newmarket  
2106 CIQX 105.9 ON Orillia, "Country Music Radio"

## NOVEMBER 2, 1994 GW

1800 CJXK 95.9 ON Ajax, "KX 96"

1994 was another busy year with other matters minimizing my time to check the bands. I hadn't even gotten around to officially logging all the new locals and semi-locals. Will the DXer who called me over the summer and wouldn't leave a message with my wife, please call again or write! 73's, Joel

**FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK 13041-8606**

Equipment: same

## NOVEMBER 1994

### 12 GW

1500 WOWZ 97.9 NY Whitesboro r ID/nx WOW-FM  
QRMing WPXY 44

## DECEMBER 1994

### 8 Tr

2228 W238AB 95.5 NY Rochester xltr WRQI Rocket 95 - distorted audio 74

### 15 Tr

2128 CJXK 95.9 ON Ajax KX96 k 154

## 21 Es to NE AR/NW TN 1056-1110 MUF: 92.3 MHZ

1100 KASU 91.9 AR Jonesboro wx/ID/AP nx 926

221 WKNO 90.7 TN Dyersburg lcl annts/

Memphis area/NPR 859

Totals: 1696. Finally some winter Es. New translators/semilocals keep signing on and plugging up the channels. Seasons Greetings- Fred. PS I'M FINALIZING UPDATES TO FM/TV ALL TIME DISTANCE RECORDS..I STILL WON'T BE ABLE TO POST THE RECORDS WITH JUST ACTIVE MEMBERS UNTIL I CAN GET ACCESS TO A MEMBERSHIP LIST JUST NAMES CITY STATE DATA NEEDED 73--FRED. fnordqui@erc.cat.syr.edu (315) 699-4880



**RICK SHAFTAN - 217 GREEN RD. - SPARTA, NEW JERSEY 07871**

(201) 586-3563, Beeper for DX: (201) 661-5662. EQUIPMENT: Realistic STA-2280 with 7/110 khz filters (see McVey article, Nov. 1990), Channel Master 20 element TV 45' AGL, phased with FM 13 and winegard AP-3800 Amp (32.9 dB gain, 3.2 dB noise figure), 30' AGL and the Bolin Phase Box. (IN CAR: Kenwood KRC-430 with two 110 khz filters). All times approximate.

**DECEMBER 7 GW**

2300 104.7 W284AF, Hackettstown NJ. 10w // WRNJ on and pretty strong here at 20 miles. Can still get WSPK and with trop, WWMD Hagerstown MD. But the days of daily reception of WWMD are over.

**DECEMBER 10 TrS**

1248 105.7 CHRE, St. Catherine's ON  
Lite 105.7 with Niagara's best rock.

**DECEMBER 12 TrS**

0300 96.3 WCDA, Voorheesville NY, C/W not CFMK. Calls w/CD Country.

**DECEMBER 14 TrS**

1650 97.7 WGMM, Big Flats NY, Gem 97.7 with Good Time RR oldies.  
1716 94.3 WSGD, Carbondale PA Semi-local now Cool 94.

**DECEMBER 22 GW/Tr**

1600 107.3 W297AC, Branchville NJ //WAWZ and very strong here w/10w @ 12 miles. I can barely still get WRWD, Highland NY and WRQX, Washington unless conditions are completely dead, but WDBA DuBois, WKOK Northumberland and WRCK Utica a thing of the past unless there is some strong trop that way. Three channels, 99.7, 104.7 and 107.3 hit with semilocals in the last two months, with another 88.1 and taxpayer funded 88.5 scheduled to be on soon. Note this station is listed as being on 105.7 but the call indicates the correct frequency of 107.3

1635 94.7 WARW, Bethesda MD, Lame with the Arrow, Washington's Home of All Rock n' Roll Oldies. Thru WFME.

1712 101.5 WBOB, Fredericksburg VA B-101.5, 93.3 Fredericksburg also in.

**DECEMBER 26 GW/TrS**

1408 106.9 W295AB, Middletown NY //WRWD.  
At first I thought this was the one in Kingston, but noticed this weak but steady xltr on a regular basis. This must be at the same site as the 93.7 Z-Rock xltr that also comes in here. I read there is one too on 105.5 xting WSUL  
1623 104.9 ???? //WXPX Phla 88.5, which wasn't in at the time. Pointed to W.  
1657 101.3 WJKE, Stillwater NY. ID and wx for Clifton Park. Hudson Valley is very strong here but I still haven't received 94.5 Ravena NY.

**DECEMBER 30 TrS**

0046 101.7 WFLK, Geneva NY "K-101.7 Big Country"  
0122 100.1 W261BX, Forty Fort PA //WRGN w/ID. 8w @ 66 miles.  
0150 100.1 WBRR, Bradford PA 221  
Calls, Cool 100  
1005 100.5 WOMP, Bellaire OH 337  
"Today's Best Mx, WOMP Bellaire- Wheeling."  
**DECEMBER 31 TrS**  
1627 94.9 WJQI, Virginia Beach VA 303  
"Hampton Roads New Q 94.9"  
1715 100.5 WCMS, Norfolk VA calls 304  
1902 100.9 WNNT, Warsaw VA 241  
IDing as "Warsaw-Tapahannock"  
2049 98.1 WKZE, Salisbury CT 81  
Tri-state wx for NY, CT and MA.  
2130 96.9 W245AC, Harmony Tp NJ //WWFM 34  
2255 94.9 CIMF, Hull PQ 314  
FF and FF mx.  
2317 94.9 WKLL, Frankfort NY 153  
Nothing exceptional about this one except that I think it was reinforced with an Ms burst.

**JANUARY 1, 1995 DX**

0009 101.7 ???? French. Had to stay home and work on a report. Nice tropscatter while typing.  
WRZC Pittsfield and WENU Hudson Falls also in.  
1430 98.9 WOKO, Burlington VT C/W, Calls 247  
1803 94.1 CBL, Toronto ON 303  
CBC Radio News and negative temps.  
2006 90.3 WCIH, Elmira NY Family Life Net. 131

I deleted about 30 stations in my totals from Jersey City, the Bronx or Westchester NY DX days from the past fifteen years that I received only by my GW proximity (mostly stations in LI and CT.) Hoped for 1000 in 1994 and ended with 1054 (now 1055). But no NC receptions at all, not even one. Several new 1994 states: IN, KY and SD. Cuba also for the first time on FM. Happy 1995. Am on 99.5 trying to get Scranton through NY

**SAUL CHERNOS - 57 BERKELEY ST. - TORONTO, ONTARIO M5A 2W5**

(416) 364-0725 - e-mail: chernos@web.apc.org

**December 22 Tr (Toronto east end)**

0015 CFRC 101.9 ON Kingston, very strong

0015 CJBC 94.3 ON Belleville, very strong

**December 24 Tr (NE of Toronto)**

1950 unID 104.1 ad for something in downtown

Bethlehem see notes

**December 24 Tr (Burnt River)**

2119 CKNX-1 104.9 ON Meaford //Wingham101.7

2120 CIQB 101.1 ON Barrie,ex-950AM B-101,rm

2120 CJKX 95.9 ON Ajax ex-1390 AM k

2130 WNWV 107.3 OH Elyria, area stations in well



NOTE: Missed the best of the Xmas Tropo, but did note near Midland that central MI was very strong, as was Ottawa, Erie, etc... Had 100.3 Grayling WGRY and 94.9 station that is // Tawas City. So, they're both on-air. The 104.1 was a real laugh...an ad for something in downtown Bethlehem, which is in keeping with the Allentown station - Bethlehem is nearby. Of course, this is also Xmas Eve, and I also catch a country station // 105.9 Orillia ON, which means Midland ON, and it was doing some kind of parody with frequent mentions of Bethlehem, one sounding like a mock ad. The bottom line is I'm not certain if I had one or two stations, and both were, for awhile, quite strong, and nothing else from the Allentown area - or even close - was coming in, yet the Midland area, through Meaford ON, was quite strong at times. Had me going for awhile, and I was thinking briefly of heading back to Toronto to DX at the Scarborough Bluffs, which face south and favour the Allentown direction. Instead I went on to Burnt River, my original destination, and was sorely disappointed by that evening's DX. Must have something to do with the fact that I am an atheist of Jewish background, heh! A happy DX-filled Gnu Year to all! - Saul

**GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221**

Equipment: Pioneer TX-9100 tuner modified with 150khz and 180 khz filters, CM Stereo Probe 9 FM antenna ≈20' AGL, CAC11 & RG6 coax. Phasing: Jerrold 10 element TV antenna at ≈25' AGL, rotatable, into "two capacitors in a phase box", and switchable rabbit ears both into a 0-10-20 db Radio Shack amp.

**NOVEMBER 25, 1994 E-skip**

1830 KSNR 100.3 MN Thief River Falls, ID 917

**KSNR FM 100.3**

THIEF RIVER FALLS - GRAND FORKS - CROOKSTON

**DECEMBER 1994 DX****26 Tr**

2347 WHSB 107.7 MI Alpena, well o/local 276

2350 WKCQ 98.1 MI Saginaw, KCQ with  
k\$, strong signal o/CHFI w/out phasing**December 27 Tr**

0127 WELL 104.9 MI Marshall, ads, k\$ 323

0715 WSAE 106.9 MI Spring Arbor, strong w/  
Cont. Christian "Power Praise 107" 304

0730 WBCH 100.1 MI Hastings, BCH, k 335

**JANUARY 3, 1995 MS**1140 CKLE 92.9 NB Bathurst, local WBUF off  
the air, in often with FF\$ ads, good bursts 709

The opening on December 26-27 was much better than indicated in this report. Starting around Christmas morning, there was some very good TV tropo, especially UHF, peaking around 1am on the 27th. (See my report soon in ETVDX for more information). Unfortunately, it really did not seem to affect FM at all, even leaving FM with dead conditions at times, while TV was raging! Especially odd was that VHF was going well-not that far off from FM frequency-wise. It did get going a bit at the indicated times, but not nearly like it was on the FM band. There also have been some TV skip openings noted here, but the November opening listed above is the only one that I have heard reach into the FM band. From phone tips, I did miss a few others, but nothing major. For awhile, conditions were pretty decent tropo-wise around here for this time of year, thanks probably to the "El Niño" weather pattern, giving us a very sunny December, with warm temperatures (many upper 40s, instead of the normal 30-35). These numerous high pressures brought us quite a few "Detroit/Cleveland/Toledo" openings, nothing to shout about, but not as common usually this time of year. With the onset of mid-winter conditions this first week of January (lots of snow, highs 15-25), conditions have returned being dead-band. Hope you all got in on the great opening at the end of December!



RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303  
Equipment: McIntosh MR-78 FM Tuner with two CM Stereo Probe 9 antennas and rotors  
at 38 and 36 feet above ground separated at 23 feet, with use of Bolin phase box.  
\*Denotes use of phase box.

October 1994 (CDT)

15 tr  
2002\*WBUZ 106.5 OH Delta-Toledo, pr\$ 120  
"Buzz-106.5"  
(o/WLSN 106.5 OH Greenville) 40  
16 tr  
0421\*WJSZ 92.5 MI Ashley, o\$ 213  
(o/WVKS 92.5 OH Toledo) 140  
18 MS  
77 KOSI 101.1 CO Denver 1040  
24 tr  
0000\*WZOM 105.7 OH Defiance, o\$ 93  
ex-105.9  
(o/WTLC 105.7 IN Indy) 50

November 1994 (EST)

4 MS  
0600 WMAU 88.9 MS Bude, previous Es 676  
14 tr  
0200\*WZNX 106.7 IL Sullivan-Decatur- 176  
ex-106.3 Mattoon, pr\$, "The Fox"  
(o/WGLM 106.7 IN W. Lafayette) 82  
17 tr  
0129 KOEL 92.3 IA Oelwein, k\$ 380  
0200 KRES 104.7 MO Moberly, k\$ 378  
0300 KUNI 90.9 IA Cedar Falls, mj\$ 401  
0331 KQYB 98.3 MN Spring Grove, k\$, 397  
many ads, "KQ-98," wx

December 1994

9 MS  
77 KETR 88.9 TX Commerce 754  
23 tr/gw (IN Anderson, off nights)  
0557 WJTD 98.7 OH McArthur, s/on, \$ 167  
0600 WQME 98.7 IN Anderson, s/on, \$ 16  
1810 WTGR 97.5 OH Union City- 31  
Greenville OH-Richmond IN, played  
"Eye of the Tiger" 67 hours before s/on  
25 tr (Santa Claus was sure good to me!)  
0300\*WVTE 93.9 IL Lincoln- 210  
ex-100.1 Springfield, k\$  
(o/WXTZ 93.9 IN Noblesville-Indy) 40

25 tr (Christmas morning cont'd)  
0522 KKOZ 96.9 MO Mountain View- 407  
xmas mx \$ West Plains  
0600 KKTZ 107.5 AR Mountain Home, 464  
xmas mx \$ "Mix-107"  
0629\*KAMS 95.1 AR Mammoth Spring, 420  
"K-Country 95," k\$, many ads  
(o/WAJI 95.1 IN Fort Wayne) 62  
0703 KOLL 94.9 AR Maumelle- 534  
"Cool-95" Little Rock, o\$  
0756\*KWOZ 103.3 AR Mountain View- 473  
xmas mx \$ Batesville  
(o/WRZX 103.3 IN Indy) 50  
0900\*KUAR 89.1 AR Little Rock, c\$ 533  
(o/WBNI 89.1 IN Fort Wayne) 62

26 gw  
0700 WTGR 97.5 OH Union City- 31  
Greenville OH-Richmond IN, s/on,  
first day on air, "The Tiger," r\$  
31 Es  
1821 KLZX 93.3 UT Salt Lake City, 1393  
wx, \$, "Z-93"  
1822 KQSW 96.5 WY Rock Springs, k\$ 1249  
1825 KALL 94.1 UT Salt Lake City, 1393  
"Salt Lake City's oldies," \$  
1830 KUWZ 90.5 WY Rock Springs, 1249  
U WY refs. car talk \$  
1832 KRCL 90.9 UT Salt Lake City, 1393  
raggae \$  
1841 KBER 101.1 UT Ogden- 1394  
"K-Bear" Salt Lake City, r\$  
1849 KWTK 94.9 NM Aztec, r\$, 1244  
last wx report for 1994

January 1995

2 MS  
2038 KMPR 88.9 ND Minot 965  
4 MS  
77 KAML 96.9 WY Gillette, 1068  
Previous Es  
(DEC/JAN meteor showers not very good!)

Meteor Scatter Results:

0/18 KOSI "...Denver Public Schools  
this morning..."  
N/ 4 WMAU "...PRM. WMAU FM-88.9 Bude..."  
D/ 9 KETR "...about 55 to 60. From the  
Sulphur Springs State Bank, this is staff  
meteorologist Rod Carrollton for the

D/ 9 KETR cont'd:  
Mint - KETR. Programming on KETR is made  
possible in part..."  
J/ 2 KMPR "...some light ground drift-  
ing in the Dickinson area..."  
J/ 4 KAML "...KAML..."

Last June 28 I had Es on 88.1 to the south. Four stations were fighting it out. A Mexican came in giving watts of power and XH--- when a c station blasted in on it. Then more SS followed by an EE nx broadcast. I sent this UNID to Frank Merrill who compared it to his Mexico City ID. Yes, it was definately Mexico City. The SS after the c burst says, "Ciudad de México." (Mexico City) The only thing I didn't get wereths last three call letters - RED, which is very clear on Frank's tape. This is my first double hop in 22 years of FM DXing at 1656 miles. Another UNID was heard Aug. 19 on 95.3 to FF Canada. I sent my UNID to Alain Pepin of St. Jean-Sur-Richelieu, Quebec. Alain's reply says, "Vous syntonisez CHOE-FM 95.3 Matane," and "very clear ID with call sign." Call letters were finally given in the Nov. FMedial, but this station was on the air last August. Thank you Frank and Alain.  
I have two pirates in the area. Someone has a strong \$ signal on 88.1 to the west playing music and never talking. Another \$ signal is to the NW of me on 91.3 re-broadcasting 97.1 WENS Shelbyville-Indy, IN.

Bob Zent was recently in Bedford, IN. He heard the 89.9 Mitchell, IN xltr with no hourly ID. As I thought, it's in mono, and the only WJSO xltr I can find on 89.9. I heard the 98.7 Findlay, OH xltr ID on hour as "WTGN Lima" when I was in Findlay last March.

# STATISTICS

Featuring FM/TV Scoreboards, All Time Distance Records,  
States Stats and Personal Best Statistics of FM/TV Diers.  
(Column issued bi-monthly, 1995 Deadlines:  
Mar 5th, May 5th, Jul 5th, Sep 5th & Nov 5th)

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## ALL-TIME FM/TV DISTANCE RECORDS

MHZ	PROP	CALL	STATE/CITY	MILES	DIERLOC	MHZ	PROP	CALL	STATE/CITY	MILES	DIERLOC	MHZ	PROP	CALL	STATE/CITY	MILES	DIERLOC
88.1	ES	WCRP	PR GUAYAMA	2280	DBU-OK	91.5	AU	WRPI	NY TROY	512	FME-MI	95.1	MS	WLST	WI MARINETTE	1146	RSA-TX
88.1	TR	KLOW	CA LONG BEACH	2490	SRE1HI	91.7	ES	XXHL	MEXMONTERREY	1719	GCO-WY	95.1	AU	KICT	KS WICHITA	651	RBR-MI
88.1	MS	WPFR	NC CLAREMONT	1325	DAL-CO	91.7	TR	XXHL	MEXMONTERREY	1101	CHOTFL	95.3	ES	KUIC	CA VACAVILLE	1995	KPU-AL
88.1	AU	CBFA29PE	CHARLOTTETOWN	791	DNI-WY	91.7	MS	KOSU	OK STILLWATER	870	FMC-ND	95.3	TR	KWBR	CA PISMO BEACH	2383	SRE1HI
88.3	ES	WNIN	IN EVANSVILLE	1872	JUE2CA	91.7	AU	KRSW	MI WORTHINGTON	859	DNI-WY	95.3	MS	NOME	NOME	0	----
88.3	TR	KPAC	TX SAN ANTONIO	1040	MUE-FL	91.9	ES	WSIU	IL CARBONDALE	1748	JP11CA	95.3	AU	CKDS	ON HAMILTON	378	SRE-CT
88.3	MS	WRBH	LA NEW ORLEANS	1105	DNI-WY	91.9	TR	KCSB	CA SANTA BARBARA	2417	SRE1HI	95.4	TR	XHXD	CA GHA-TX	491	GHA-TX
88.3	AU	WNIN	IN EVANSVILLE	947	DAL-CO	91.9	MS	WHRM	WI WAUSAU	1012	RWO-LA	95.5	ES	WQVV	FL FT PIERCE	1619	FMC2ND
88.4	ES	TGRT	GU GUATEMALA	1136	GNA-TX	91.9	AU	WSIU	IL CARBONDALE	741	FMC2ND	95.5	TR	KLOS	CA LOS ANGELES	2491	SRE1HI
88.5	ES	WNCF	ME BANGOR	1955	PDY-TX	92	ES	XEBJ	MEXCO VICTORIA	873	GHA2OK	95.5	MS	KDKC	KS DODGE CITY	1195	JUE2CA
88.5	TR	KOED	CA SAN FRANCISCO	2357	SRE1HI	92.1	ES	CJAX	AT CALGARY	1766	DNI-WY	95.5	AU	WHPE	NC HIGH POINT	604	SCH-ON
88.5	MS	WFDH	MA WINSTON-SALEM	1161	GNA-TX	92.1	TR	CKY	MB WINNIPEG	842	FME-MI	95.7	ES	WFID	PR RIO PIEDRO	1852	DNI-WY
88.5	AU	WAMU	DC WASHINGTON	934	JEB-MN	92.1	MS	WJCA	GA JACKSON	929	SGR-IA	95.7	TR	KKHI	CA SAN FRANCISCO	2357	SRE1HI
88.7	ES	KFGG	TX CORPUS CHRISTI	2029	MCH-BC	92.1	AU	WYXE	WI SUN PRAIRIE	260	ABO-IL	95.7	MS	KOYN	CA TWENTYNINE PA	2028	DHA-ON
88.7	TR	KFAC	CA SANTA BARBARA	2417	SRE1HI	92.15	ES	CMBC	CUHABANA	1299	GHA2OK	95.7	AU	WPTV	OH OHIO	467	FNO-WY
88.7	MS	WHA	WI MADISON	1080	GNA-TX	92.3	ES	OWBO	FL ORLANDO	1743	FMC-ND	95.9	ES	KDML	MN FARIBAULT	1561	JUE2CA
88.7	AU	WHA	WI MADISON	684	FMC-ND	92.3	TR	KRBT	CA LOS ANGELES	2491	SRE1HI	95.9	TR	KKOS	CA CARLSBAJ	2527	SRE-MI
88.8	ES	TGRT	GU GUATEMALA	1148	PDY-TX	92.3	MS	WVAE	MI DETROIT	1176	DAL-CO	95.9	MS	KETE	TX PERRYTON	1016	WHE3OH
88.9	ES	WSHA	NC RALEIGH	2069	FAD1ID	92.3	AU	KLLO	OR PORTLAND	1017	FMC-ND	95.9	AU	KHDL	MN FARIBAULT	477	FMC-ND
88.9	TR	KXLU	CA LOS ANGELES	2491	SRE1HI	92.5	ES	HIDG	DR SANTO DOMINGO	1967	FME1IL	96.1	ES	KEZF	IO IDAHO FALLS	1633	MSI-TX
88.9	MS	WMBW	TN CHATTANOOGA	1122	DAL-CO	92.5	TR	XHRM	MEXTIJUANA	2536	SRE1HI	96.1	TR	KSLY	CA SAN LUIS OBIS	2383	SRE1HI
88.9	AU	WMBW	TN CHATTANOOGA	745	FNO-WY	92.5	MS	KAFM	TX DALLAS	1466	JUE-CA	96.1	MS	KID	IO IDAHO FALLS	1242	PDY-TX
89	ES	YSRI	ES SAN SALVADORE	1246	PDY-TX	92.5	AU	WMHE	OH TOLEDO	749	FMC2ND	96.1	AU	WKLS	GA ATLANTA	588	RBR-MI
89.1	ES	HI--	DR SANTO DOMINGO	1967	FME1IL	92.7	ES	WNCF	FL STUART	1050	BE12ZN	96.3	MS	WBMB	IL CHICAGO	1842	JUE2CA
89.1	TR	WUFT	FL GAINESVILLE	978	PDY-TX	92.7	TR	WZFR	FL STUART	1070	SW11TX	96.3	TR	KSGF	CA LOS ANGELES	2491	SRE1HI
89.1	MS	WBSN	LA NEW ORLEANS	1105	DNI-WY	92.7	MS	WDOX	WI WAUPACA	431	PSA-ON	96.3	MS	WMYO	FL MIAMI	1056	ABO-IL
89.1	AU	KMUJ	KS WICHITA	651	RBR-MI	92.7	AU	KBRX	ME O'NEILL	425	FMC-ND	96.3	AU	WJR	MI DETROIT	542	JEB-MN
89.2	ES	XEJT	MEXTAMPICO	974	GHA2OK	92.9	ES	WSDC	MN DULUTH	1644	JUE-CA	96.5	ES	WMOJ	PR FAJARO	1998	ABO-IL
89.3	ES	WGNE	WI GREEN BAY	1812	JUE2CA	92.9	TR	WBLX	AL MOBILE	887	DNI-MD	96.5	TR	KYXY	CA SAN DIEGO	2531	SRE1HI
89.3	TR	WRPT	FL GOULDS	1066	SW11TX	92.9	MS	KITJ	TX SAN ANTONIO	1251	CHO-ON	96.5	MS	KXTR	MO KANSAS CITY	1254	PGE-MA
89.3	MS	WKKW	WI CHILTON	1168	GNA-TX	92.9	AU	WVNY	VT BURLINGTON	841	ABO-IL	96.5	AU	WTIC	CT HARTFORD	565	FME-MI
89.3	AU	WALC	MN NORTHFIELD	712	SCH-ON	93.1	ES	KAMA	TX EL PASO	1804	DNI-IL	96.7	ES	KHFI	TX GEORGETOWN	1477	JFE-WJ
89.4	ES	TGDT	GU QUETZALT	1168	GNA-TX	93.1	TR	KBOG	CA LOS ANGELES	2491	SRE1HI	96.7	TR	KWIZ	CA SANTA ANA	2505	SRE1HI
89.5	ES	XHME	MEXPUERTO VALLAR	1560	JUE2CA	93.1	MS	KHBS	SD STURGIS	1183	RWO-LA	96.7	MS	NOME	NOME	0	----
89.5	TR	KPBS	CA SAN DIEGO	2531	SRE1HI	93.1	AU	WDRQ	MI DETROIT	542	JEB-MN	96.7	AU	WJOL	IL JOLIET	349	JEB-MN
89.5	MS	KENW	MN PORTALES	1072	RST-IL	93.2	ES	XHQJ	MEXMONTERREY	1385	RBR-MI	96.9	ES	CBUF3	BC TERRACE	1546	DAL-CO
89.5	AU	WPKN	CT BRIDGEPORT	179	ABO-IL	93.2	TR	XHQJ	MEXMONTERREY	274	GNA-TX	96.9	TR	WINK	FL FT MYERS	1037	PDY-TX
89.6	ES	TGDX	GU GUATEMALA	1136	GNA-TX	93.3	ES	KDMJ	IA DES MOINES	1517	JUE2CA	96.9	MS	WC02	KY LEXINGTON	1113	DAL-CO
89.7	ES	WJUF	FL TAMPA	2386	JUE2CA	93.3	TR	KYZO	CA SAN LUIS OBIS	2383	SRE1HI	96.9	AU	WLAY	MI GRAND RAPIDS	1047	DAL-CO
89.7	TR	KSON	CA RIVERSIDE	2540	SRE1HI	93.3	MS	KYRZ	TX PORT ARTHUR	1195	PSA-ON	97.1	ES	WFOJ	GA GAINESVILLE	2140	JUE2CA
89.7	AU	WGBH	MA BOSTON	914	ABO-IL	93.5	ES	WBBU	OH YOUNGSTOWN	690	JEB-MN	97.1	TR	KLSX	CA LOS ANGELES	2491	SRE1HI
89.7	ES	WFCF	FL JACKSONVILLE	1629	FMC-ND	93.5	TR	KFBK	CA TEDRONO BEACH	2480	SRE1HI	97.1	MS	KWEH	AR CAMDEN	1076	SCH-ON
89.7	TR	KBLW	TX LAREDO	1032	CHO1FL	93.5	MS	WKRY	FL KEY WEST	1100	RST-IL	97.1	AU	WCOV	WI SPARTA	591	FMC-ND
89.9	MS	WTLR	PA STATE COLLEGE	948	MNA-NE	93.5	AU	KWNG	ME COLUMBUS	452	JEB2ND	97.3	ES	KLCE	ID BLACKFOOT	1982	CHO1FL
89.9	AU	WNSA	WI BRULE	478	FMC-ND	93.7	ES	WJLT	PR SAN JUAN	2263	RCO-OK	97.3	TR	KSON	CA SAN DIEGO	2531	SRE1HI
90	ES	YSU	ES SAN SALVADORE	1233	GNA-TX	93.7	TR	KDJB	CA SANTA BARBARA	2417	SRE1HI	97.3	MS	KBUF	KS GARDEN CITY	1240	SCH-ON
90.1	ES	KPFT	TX HOUSTON	2001	MNI-BC	93.7	MS	WCMH	MA LAWRENCE	1501	RCO-OK	97.5	ES	KINT	TX EL PASO	1670	RSE-NY
90.1	TR	KCBX	CA SAN LUIS OBIS	2383	SRE1HI	93.7	AU	WUWY	SD WINNER	662	ABO-IL	97.5	TR	KHTX	CA RIVERSIDE	2540	SRE1HI
90.1	MS	WMBI	IL CHICAGO	1063	GNA-TX	93.9	ES	KILO	CO COLORADO SPR	1835	ECO-NE	97.5	MS	WHY	CA SANTA BARBARA	1374	R4-NE
90.1	AU	KSJR	MO COLLEGEVILLE	767	SCH-ON	93.9	TR	KXLA	CA LOS ANGELES	2491	SRE1HI	97.5	AU	WAMZ	KY LOUISVILLE	1043	DAL-CO
90.3	ES	KKED	TX CORPUS CHRISTI	1598	FNO-WY	93.9	MS	WKLJ	FL MIAMI BEACH	1306	SCH-ON	97.7	ES	CBUF	BC VANCOUVER	1526	JP1-MN
90.3	TR	XH1TZ	MEXTIJUANA	2536	SRE1HI	93.9	AU	WKLJ	SD RAPID CITY	838	ABO-IL	97.7	TR	KDUV	TX KINGSVILLE	933	CHO1FL
90.3	MS	WHLA	WI HOLMEN	1091	GNA-TX	94	ES	XET	MEXMONTERREY	1382	JEB-MN	97.7	MS	CBUF	BC VANCOUVER	1143	DAL-CO
90.3	AU	WBCL	IN FT WAYNE	704	FMC2ND	94.1	ES	WOTE	PR MAYAGUEZ	2263	RBR1IA	97.7	AU	CHOM	PQ MONTREAL	686	RBR-MI
90.5	ES	WSMC	TN COLLEGEVILLE	2057	JUE2CA	94.1	TR	KFSD	CA SAN DIEGO	2531	SRE1HI	97.9	ES	KETIA	MEXGUADALAJARA	2066	RSE-NY
90.5	TR	KHSU	CA ARCAT	2374	SRE1HI	94.1	MS	KBTO	TX BEAUMONT	1192	PSA-ON	97.9	TR	WJMO	FL PALM BEACH	1462	GHA-TX
90.5	MS	KXCV	MO MARTVILLE	985	FNO-WY	94.1	AU	KCKN	KS KANSAS CITY	881	DNI-WY	97.9	MS	WRMF	FL PALM BEACH	1126	FME1IL
90.5	AU	CBHA	MS HALIFAX	1026	FMC2ND	94.3	ES	KVFM	CA SAN FERNANDO	1510	DNO-IA	97.9	AU	WSIX	TN NASHVILLE	726	SCH-ON
90.7	MS	KUMU	MO ST. LOUIS	1724	JUE2CA	94.3	TR	KIKF	CA GARDEN GROVE	2503	SRE1HI	98.1	ES	WTOF	OH CANTON	2050	FAD-OR
90.7	TR	KPKF	CA LOS ANGELES	2491	SRE1HI	94.3	MS	WGWF	FL MARATHON	1272	DHA-ON	98.1	TR	KIFM	CA SAN DIEGO	2531	SRE1HI
90.7	MS	WXL	FL W PALM BEACH	1126	DNI-WY	94.5	AU	WPRE	WI PRAIRIE DU CH	777	DAL-CO	98.1	MS	WOFM	OH ALLIANCE	1275	DAL-CO
90.7	AU	KUMU	MO ST. LOUIS	1085	JFE-WY	94.5	ES	KELT	TX HARKLING	2110	MCH-BC	98.1	AU	KHAK	IA CEDAR RAPIDS	733	DAL-CO
90.9	ES	KCBW	MO WARRENSBURG	1534	JUE-CA	94.5	TR	KELT	TX HARKLING	934	CHO1FL	98.3	ES	CFLY	ON KINGSTON	1646	JP1-MN
90.9	TR	KCBT	TX DALLAS	962	JCO-FL	94.5	MS	KTPS	MN ST. PAUL	1113	PDY-TX	98.3	TR	WRTD	FL GOULDS	1066	SW11TX
90.9	ES	CBX	AT EDMONTON	1170	JUE2CA	94.5	MS	KWLG	MI GRAND RAPIDS	1047	DAL-CO	98.3	MS	WLGK	FL GOULDS	1214	DHA-ON
90.9	AU	KUNI	IA CEDAR FALLS	589	FMC-ND	94.7	ES	KTIS	MO SPRINGFIELD	1569	JUE2CA	98.3	AU	KQYB	MN SPRING GROVE	764	DAL-CO
91.1	ES	JBC-2	JAMCOOPER'S HILL	1953	JP1-MN	94.7	TR	KAPT	TX LULING	919	CHO1FL	98.5	ES	KPAC	TX PORT ARTHUR	1650	RWO2AT
91.1	TR	KXTRA	MEXTIJUANA	2536	SRE1HI	94.7	MS	KSET	TX EL PASO	1160	ABO-IL	98.5	TR	KSAV	CT FT BRAGG	2338	SRE1HI
91.1	MS	KSJN	MN ST. PAUL	1123	GNA-TX	94.8	ES	WTFX	NC RALEIGH	512	FME-MI	98.5	MS	WTFM	TN KINGSPORT	1207	JP1-MN
91.1	AU	KSJN	MN ST. PAUL	758	DNI-WY	94.9	ES	TGDF	GU GUATEMALA	1136	GNA-TX	98.5	AU	WSB	GA ATLANTA	588	RBR-MI
91.3	ES	WIPR	PR SAN JUAN	1806	CHO-ON	94.9	TR	WIZF	FL MIAMI BEACH	1948	FMC-ND	98.6	ES	TGHR	GU GUATEMALA	1503	JP1-MN
91.3	TR	WTHS	FL MIAMI	1148	GNA-TX	94.9	TR	WIZF	FL MIAMI BEACH	1152	GNA-TX	98.6	TR	KMGJ	IA CENTERVILLE	1568	JUE2CA
91.3	MS	KCUA	AT DRUMHELLER	1055	JUE2CA	94.9	MS	MPGH	GA DECATUR	1342	FMC-ND	98.7	TR	KYSR	CA LOS ANGELES	2491	SRE1HI
91.5	AU	WCNY	NY SYRACUSE	530	RBR-MI	95	ES	ZFB	IA DES MOINES	628	DAL-CO	98.7	MS	KHML	TX AMARILLO	1125	JUE2CA
91.5	ES	RJR	JAMORACABESBA	1953	JP1-MN	95	ES	ZFB	BERWAMINGTON	1374	RBR-MI	98.7	AU	WDFG	MI DETROIT	536	MBU-CT
91.5	TR	WJYO	FL FT MYERS	968	SW11TX	95.1	ES	KRDO	CO COLORADO SPGS	1575	DNI-MD	98.9	ES	WDFM	NY ROCHESTER	1504	PDY-TX
91.5	MS	WMDH	WI SURING	1219	GNA-TX	95.1	TR	KFRG	CA SAN BERNARDIN	2547	SRE1HI	98.9	TR	KSRY	CA SAN FRANCISCO	2357	SRE1HI



# ALL-TIME FM/TV DISTANCE RECORDS

# STATISTICS

MHZ	PROP	CALL	STATE/CITY	MILES	DXERLOC	MHZ	PROP	CALL	STATE/CITY	MILES	DXERLOC	MHZ	PROP	CALL	STATE/CITY	MILES	DXERLOC
98.9	ES	CIZL	SK REGINA	1173	RST-IN	102.9	ES	WCCO	MN MINNEAPOLIS	1571	JUEZCA	106.7	TR	KROQ	CA PASADENA	2499	SRETHI
98.9	AU	WSPA	SC SPARTANBURG	552	RBR-MI	102.9	TR	KCLX	CA SAN DIEGO	2531	SRETHI	106.7	MS	WAAA	MI DETROIT	891	GHAZOK
99.1	ES	KEEZ	NM MANKATO	1523	JUEZCA	102.9	MS	KMGC	TX DALLAS	1274	SCH-ON	106.7	AU	KAZY	CO DENVER	695	JEB-NM
99.1	TR	KXFM	CA SANTA MARTA	2388	SRETHI	102.9	AU	WBCS	WI MILWAUKEE	1473	SCH-ON	106.9	ES	KWRO	TX CONROE	1489	JP1ICA
99.1	MS	WBKJ	FL JACKSONVILLE	1188	JEB-NM	103.1	ES	WFKZ	FL PLANTATION KE	1466	MHA-NE	106.9	TR	X777	ME KENSENADA	2550	SRETHI
99.1	AU	KBVM	ID IDAHO FALLS	608	FMC-MD	103.1	TR	KBJZ	CA SANTA MONICA	2476	SRETHI	106.9	MS	WXXC	AL BIRMINGHAM	956	JP1-NM
99.3	ES	WKCN	FL FT MYERS	1594	DAL-CD	103.1	MS	NONE	NONE	0	----	106.9	AU	WSWT	IL PEORIA	557	FMC2ND
99.3	TR	KMXH	CA IMPERIAL	2625	SRETHI	103.1	AU	KJAM	SD MADISON	360	FMC-MD	107.1	ES	CIBM	PO RIVIERE DU LO	1884	DAL-CD
99.3	MS	WEDR	FL MIAMI	1199	DHA-ON	103.3	ES	WUUV	FL BRADENTON	1524	DAL-CD	107.1	TR	KBAK	CA FALLBROOK	2536	SRETHI
99.3	AU	WAEW	TN CROSSVILLE	298	ABO-IL	103.3	TR	KRUZ	CA SANTA BARBARA	2417	SRETHI	107.1	MS	KDUZ	MN HUTCHINSON	620	GHAZOK
99.5	ES	WDMG	GA DOUGLAS	2260	JUEZCA	103.3	MS	KNTD	TX WICHITA FALLS	1346	JUE-CA	107.1	AU	NONE	NONE	0	----
99.5	TR	WUAC	CA LOS ANGELES	2491	SRETHI	103.3	AU	WVEE	GA ATLANTA	1486	FME2OH	107.3	ES	WABA	FL ST. PETERSBURG	1749	FMC-MD
99.5	MS	WGAY	DC WASHINGTON	1382	FMC-MD	103.5	ES	KYSN	NM MANKATO	1523	JUEZCA	107.3	TR	KOSZ	CA GROVER CITY	2382	SRETHI
99.5	AU	WKQY	KY HENDERSON	568	JEB-NM	103.5	TR	KOST	CA LOS ANGELES	2491	SRETHI	107.3	MS	WABA	FL ST. PETERSBURG	1091	PSA-ON
99.7	ES	XHPL	MEXCO ACUNA	1815	MBU-CT	103.5	MS	KXNP	NE N PLATTE	1141	JUEZCA	107.3	AU	WEOH	OH OLYRIA	614	JEB-NM
99.7	TR	KFR	CA SAN FRANCISCO	2357	SRETHI	103.5	AU	KEYE	TX SAN MARCOS	1006	RST-IN	107.5	ES	WBYO	PA BOYERTOWN	1505	GHA-TH
99.7	MS	WJMI	IA JACKSON	757	DAL-CD	103.7	ES	WEZS	VA RICHMOND	1494	JP1-NM	107.5	TR	KLVE	CA LOS ANGELES	2491	SRETHI
99.7	AU	KJFM	IN MUSCATINE	757	DAL-CD	103.7	TR	KJQY	CA SAN DIEGO	2531	SRETHI	107.5	MS	KWOK	TX FT WORTH	1628	SCH-ON
99.9	ES	KTSN	TX EL PASO	1670	RSE-NY	103.7	MS	KVIL	TX DALLAS	1274	SCH-ON	107.5	AU	KPLD	CO LAKEWOOD	698	JEB-NM
99.9	TR	KTYD	CA SANTA BARBARA	2417	SRETHI	103.7	AU	KIIL	TX DAVENPORT	642	SCH-ON	107.7	ES	WQNA	NY ALBANY	1660	PDY-TX
99.9	MS	KTQM	NM CLOVIS	1069	JUEZCA	103.9	ES	KUDD	IA SPIRIT LAKE	1484	JUEZCA	107.7	TR	WNGF	FL MT DORA	994	SW1TX
99.9	AU	KFAB	NE OMAHA	554	FMC-MD	103.9	TR	KACE	CA INGLEWOOD	2484	SRETHI	107.7	MS	KWIC	TX BEAUMONT	1192	PSA-ON
100.1	ES	XHJT	MEXTAMPICO	1492	MS1WC	103.9	MS	CTSN	AT EDMONTON	1148	JUEZCA	107.7	AU	KSSS	MO ST. LOUIS	661	FMC2ND
100.1	TR	WEEJ	FL PORT CHARLOTT	1019	PDY-TX	103.9	AU	KXIK	AR LITTLE ROCK	926	GCO-NY	107.9	ES	WFSI	MO ANNAPOIS	2516	PDY-TX
100.1	MS	KCRK	AT LETHBRIDGE	946	JUEZCA	104.1	ES	KRRE	TX HOUSTON	1506	JP1ICA	107.9	TR	KWVE	CA SAN CLEMENTE	1081	SRETHI
100.1	AU	WIVE	VA ASHLAND	564	RBR-MI	104.1	TR	KBOC	CA LONGOC	2380	SRETHI	107.9	AU	WUUR	IL AURORA	804	ABO-IL
100.3	ES	KTEX	TX BROWNSVILLE	1595	GCO-NY	104.1	MS	KJJQ	MN ST. LOUIS PARK	1107	PDY-TX						
100.3	TR	KTXF	TX BROWNSVILLE	926	CHOTFL	104.1	AU	WIKY	IN EVANSVILLE	560	JEB-NM						
100.3	MS	KSFI	UT SALT LAKE CITY	1844	KRI-NY	104.3	ES	KWTC	NC TARBORO	1405	JP1-NM						
100.3	AU	WZEN	IL ALTON	712	SCH-ON	104.3	TR	KBIG	CA LOS ANGELES	2491	SRETHI						
100.5	ES	KSFH	NM ROSWELL	1735	JFE-NJ	104.3	MS	WOMC	MI DETROIT	983	FMC-MD						
100.5	TR	KBDK	TX MIRANDO CITY	913	MS1FL	104.3	AU	WOMC	MI DETROIT	745	FMC2ND						
100.5	MS	WKFK	MI CARROLLTON	1141	DAL-CD	104.5	ES	WEAT	FL W PALM BEACH	1895	FMC-MD						
100.5	AU	WKKI	IN KOKOMO	692	FMC2ND	104.5	TR	XELTN	MEXTIJUANA	2536	SRETHI						
100.7	ES	WDAE	FL TAMPA	1743	FMC-MD	104.5	MS	KXTM	TX SAN ANTONIO	1103	RBR-MI						
100.7	TR	KFMB	CA SAN DIEGO	2531	SRETHI	104.5	AU	WAST	OH WOOSTER	641	JEB-NM						
100.7	MS	WNJR	FL FT LAUDERDALE	1260	GHAZOK	104.7	ES	WRBQ	FL TAMPA	2290	JP1ICA						
100.7	AU	KGBI	NE OMAHA	554	FMC-MD	104.7	TR	KBEY	CA GARBERRVILLE	2361	SRETHI						
100.9	ES	KUCO	CO YUMA	1453	NOI-MD	104.7	MS	KIOV	SD SIOUX FALLS	898	SCH-ON						
100.9	TR	WPQA	GA PERRY	946	SW1TX	104.7	AU	KIOV	SD SIOUX FALLS	524	ABO-IL						
100.9	MS	WALX	AL SELMA	923	JEB-NM	104.9	ES	KYUF	TX UVALDE	1404	JUEZCA						
100.9	AU	KFMD	NM LUVERNE	406	FMC-MD	104.9	TR	KRPQ	CA ROHNERT PARK	2358	SRETHI						
101.1	ES	CPMI	BC NEW WESTMINST	1827	RBR-MI	104.9	MS	KTCH	NE WAYNE	941	DNI-NY						
101.1	TR	KRTH	CA LOS ANGELES	2491	SRETHI	104.9	AU	WFXO	MS LUKA	761	GCO-NY						
101.1	MS	KCKK	UT KANAB	1482	RST-IN	105.1	ES	KEAN	TX ABILENE	1499	WHEGON						
101.1	AU	WNUZ	MO CARROLLTON	843	SCH-ON	105.1	TR	KKGO	CA LOS ANGELES	2491	SRETHI						
101.3	ES	WVHR	VA HAMPTON	1492	FMC-MD	105.1	MS	WYOR	FL CORAL GABLES	1147	RSA-TX						
101.3	TR	KSTT	CA LOS OSOS	2375	SRETHI	105.1	AU	WSDM	OH SALEM	687	JEB-NM						
101.3	MS	KDWB	MN RICHFIELD	716	SCH-ON	105.3	ES	KSMG	TX SEGUIN	1487	JUEZCA						
101.3	AU	WWEZ	NY ROCHESTER	1202	FMC-MD	105.3	TR	KCBQ	CA SAN DIEGO	2531	SRETHI						
101.5	ES	WKES	FL ST. PETERSBURG	1533	FMC2ND	105.3	MS	WLTS	LA SLIDELL	1166	FMO-NY						
101.5	TR	KGB	CA SAN DIEGO	2531	SRETHI	105.3	AU	WDAK	PA PHILADELPHIA	611	RBR-MI						
101.5	MS	WIBA	WI MADISON	750	SWE-PA	105.5	ES	WRAR	VA TAPPANHOOCK	1430	FMC-MD						
101.5	AU	WBIE	GA MARIETTA	573	RBR-MI	105.5	TR	KNC	CA LONG BEACH	2490	SRETHI						
101.7	ES	KTLQ	OK TAHEQUAH	1435	JP1ICA	105.5	MS	WSMT	TN SPARTA	740	JEB-NM						
101.7	TR	KSOX	TX RAYMONDVILLE	936	CHOTFL	105.5	AU	WKEZ	OH SYLVANIA	280	ABO-IL						
101.7	MS	NONE	NONE	0	----	105.7	ES	CBU	BC VANCOUVER	1526	JP1-NM						
101.7	AU	WKZQ	SC MYRTLE BEACH	529	RSM-NJ	105.7	TR	KSTV	TX STEPHENVILLE	981	CHOTFL						
101.9	ES	WCIB	MA FALMOUTH	1576	FMC-MD	105.7	MS	KDZZ	NV RENO	1405	JEB-NM						
101.9	TR	KLIT	CA GLENDALE	2491	SRETHI	105.7	AU	KXEL	IA WATERLOO	593	FMC-MD						
101.9	MS	KQKT	TX SAN ANTONIO	1050	RST-IN	105.9	ES	KYCO	MEXCO JUAREZ	1444	FME2OH						
101.9	AU	WIGU	WI MAUSAU	603	FMC-MD	105.9	TR	WAXY	FL FT LAUDERDALE	1146	GHA-TX						
102.1	ES	KLYX	TX HOUSTON	1506	JP1ICA	105.9	MS	KQTZ	OK HOBART	1354	FMO-NY						
102.1	TR	KIOZ	CA OCEANSIDE	2525	SRETHI	105.9	AU	KBP1	CO DENVER	695	JEB-NM						
102.1	MS	KWES	TX MONAHANS	1158	JUEZCA	106.1	ES	WKGO	MO CUMBERLAND	1445	JP1-NM						
102.1	AU	KFWD	TX FT WORTH	692	ABO-IL	106.1	TR	KVSP	CA SANTA MARGARIT	2388	SRETHI						
102.3	ES	WPTM	NC ROANOKE RAPID	1479	JP1-NM	106.1	MS	KLOO	OR CORVALLIS	459	JUE-CA						
102.3	TR	KJLH	CA COMPTON	2490	SRETHI	106.1	AU	KDNT	TX DENTON	1060	ABO-IL						
102.3	MS	NONE	NONE	0	----	106.2	ES	VSB	BERNHAMITON	1055	DNI-NY						
102.3	AU	WKZQ	VT ST. ALBANS	698	RBR-MI	106.3	ES	KYCO	MO BOLIVAR	1557	JUEZCA						
102.5	ES	WSPR	FL ST. PETERSBURG	1414	BEL2NM	106.3	TR	KYMS	CA SANTA ANA	2505	SRETHI						
102.5	TR	XHJAM	MEXTIJUANA	2536	SRETHI	106.3	MS	KPAN	TX HEREFORD	1103	JUEZCA						
102.5	MS	KUIC	WI WILLMAR	801	SCH-ON	106.3	AU	KVNO	WY CAYENNE	940	RBR-MI						
102.5	AU	WBEH	NV BUFFALO	731	JEB-NM	106.5	ES	WSFL	NM BRIDGETON	1552	FMC-MD						
102.7	ES	KIKX	CO MANITOU SPRING	1498	CHOTFL	106.5	TR	KKLQ	CA SAN DIEGO	2531	SRETHI						
102.7	TR	KIIS	TX EL PASO	2491	SRETHI	106.5	MS	WDLR	MI KALAMAZOO	1048	DAL-CD						
102.7	MS	KCY5	WA RICHLAND	1018	GHA3NM	106.5	AU	WDLB	WI MARSHFIELD	591	FMC-MD						
102.7	AU	KORD	WA RICHLAND	850	FMC-MD	106.7	ES	WYAY	GA GAINESVILLE	2140	JUEZCA						

CH	PRP	CALL	LOCATION	MILES	DXER-LOC
2	ES	PRG3	BRARIO DE JANEIR	6843	RCOZCA
2	TR	KCTI	AT CALGARY	1250	ESH-KS
2	TR	KBCJ	IL DOISE	1428	WRD-WI
2	ON	WBCS	NY NEW YORK	733	WRD-WI
3	ES	PRF3	BRASAO PAULO	5126	BBR-AR
3	TR	WRVC	PA PHILADELPHIA	1468	DUO-TX
3	MS	KDAL	NM DULUTH	1426	DUO-TX
4	ES	KULA	IL HOMOLULU	4254	CUO-IL
4	TR	WTVJ	FL MIAMI	1135	PDY-NY
4	MS	WQAI	TX SAN ANTONIO	1453	RNI-NY
5	ES	LR1	ARGBUENOS AIRES	5239	BBR-AR
5	TR	WPTV	FL W PALM BEACH	1253	FGA-NL
5	MS	WHMD	MA BOSTON	1427	ESH-KS
6	ES	CMO	CUBAHABANA	2428	RCO3CA
6	TR	XETV	MEXTIJUANA	2536	SRETHI
6	MS	KTVCS	KS ENSIGN	1645	GG1-PQ
7	ES	WBKK	IL CHICAGO	2487	UNI-GR
7	TR	WSVN	FL MIAMI	1248	FGA-NL
7	MS	WKCT	FL MIAMI	1227	TH1-IL
8	ES	KZTV	NV RENO	1516	JBW-AR
8	TR	KSWM	NM ROSWELL	1522	ACO-CU
8	MS	WMTN	NH MT WASHINGTON	1347	BBR-AR
9	ES	CMGO	CUBMATANZAS	1412	ESP-TX
9	TR	WTVG	TN CHATTANOOGA	1101	FGA-NL
9	MS	WSDC	NC CHARLOTTE	1111	GHA-TX
10	ES	CHTV	CUBHABANA	1366	ESP-TX
10	TR	KWTV	TX WACO	1368	RST-NY
10	TR	KWTV	TX KUTV	1368	UNI-NY
10	MS	WALB	GA ALBANY	992	PDY-WI
11	ES	KTVG	CA LOS ANGELES	1639	BRA-IL
11	TR	KGUL	TX GALVESTON	1257	RSE-NY
11	MS	WBAL	MO BALTIMORE	1163	RCO4OK
12	TR	WPEC	FL W PALM BEACH	1253	FGA-NL
13	ES	KLAC	CA LOS ANGELES	1628	PRA-IN

2	PRP	CALL	LOCATION	MILES	DXER-LOC
2 <td>ES</td> <td>PRG3</td> <td>BRARIO DE JAMEIR</td> <td>6843</td> <td>RCO2CA</td>	ES	PRG3	BRARIO DE JAMEIR	6843	RCO2CA
2 <td>TR</td> <td>CHCT</td> <td>AT CALGARY</td> <td>1250</td> <td>ESH-KS</td>	TR	CHCT	AT CALGARY	1250	ESH-KS
2 <td>MS</td> <td>KBCI</td> <td>ID BOISE</td> <td>1428</td> <td>WDR-WI</td>	MS	KBCI	ID BOISE	1428	WDR-WI
2 <td>AU</td> <td>WCBS</td> <td>NY NEW YORK</td> <td>733</td> <td>WDR-WI</td>	AU	WCBS	NY NEW YORK	733	WDR-WI
3 <td>ES</td> <td>PRF3</td> <td>BRASAO PAULO</td> <td>5126</td> <td>BRR-AR</td>	ES	PRF3	BRASAO PAULO	5126	BRR-AR
3 <td>TR</td> <td>WRVC</td> <td>PA PHILADELPHIA</td> <td>1056</td> <td>BRR-AR</td>	TR	WRVC	PA PHILADELPHIA	1056	BRR-AR
3 <td>MS</td> <td>KDAL</td> <td>MN DULUTH</td> <td>1468</td> <td>DJO-TX</td>	MS	KDAL	MN DULUTH	1468	DJO-TX
4 <td>ES</td> <td>KULA</td> <td>HI HONOLULU</td> <td>4254</td> <td>CLU-IL</td>	ES	KULA	HI HONOLULU	4254	CLU-IL
4 <td>TR</td> <td>WTVJ</td> <td>FL MIAMI</td> <td>1155</td> <td>PDY-TX</td>	TR	WTVJ	FL MIAMI	1155	PDY-TX
5 <td>MS</td> <td>WOAI</td> <td>TX SAN ANTONIO</td> <td>1435</td> <td>RMI-NY</td>	MS	WOAI	TX SAN ANTONIO	1435	RMI-NY
5 <td>ES</td> <td>LR1</td> <td>ARGUENOS AIRES</td> <td>5339</td> <td>BRR-AR</td>	ES	LR1	ARGUENOS AIRES	5339	BRR-AR
5 <td>TR</td> <td>WPTH</td> <td>FL W PALM BEACH</td> <td>1253</td> <td>FGA-NL</td>	TR	WPTH	FL W PALM BEACH	1253	FGA-NL
5 <td>MS</td> <td>WHDH</td> <td>MA BOSTON</td> <td>1427</td> <td>ESH-KS</td>	MS	WHDH	MA BOSTON	1427	ESH-KS
6 <td>ES</td> <td>CHQ</td> <td>CUBHABANA</td> <td>2428</td> <td>RCO3CA</td>	ES	CHQ	CUBHABANA	2428	RCO3CA
6 <td>TR</td> <td>XETV</td> <td>MEXTIJUANA</td> <td>2536</td> <td>SRETHI</td>	TR	XETV	MEXTIJUANA	2536	SRETHI
6 <td>MS</td> <td>KTVK</td> <td>KS ENSIGN</td> <td>1645</td> <td>GGI-PO</td>	MS	KTVK	KS ENSIGN	1645	GGI-PO
7 <td>ES</td> <td>WBKB</td> <td>IL CHICAGO</td> <td>2487</td> <td>UNI-GR</td>	ES	WBKB	IL CHICAGO	2487	UNI-GR
7 <td>TR</td> <td>WSVN</td> <td>FL MIAMI</td> <td>1248</td> <td>FGA-NL</td>	TR	WSVN	FL MIAMI	1248	FGA-NL
7 <td>MS</td> <td>KCTV</td> <td>FL MIAMI</td> <td>1227</td> <td>THI-IL</td>	MS	KCTV	FL MIAMI	1227	THI-IL
8 <td>ES</td> <td>KZTV</td> <td>NV RENO</td> <td>1516</td> <td>JBU-AR</td>	ES	KZTV	NV RENO	1516	JBU-AR
8 <td>TR</td> <td>KSNB</td> <td>NM ROSWELL</td> <td>1522</td> <td>ACU-CO</td>	TR	KSNB	NM ROSWELL	1522	ACU-CO
8 <td>MS</td> <td>WMTN</td> <td>NH MT WASHINGTON</td> <td>1367</td> <td>BRR-AR</td>	MS	WMTN	NH MT WASHINGTON	1367	BRR-AR
9 <td>ES</td> <td>CHGO</td> <td>CUBMANTANZAS</td> <td>1412</td> <td>ESP-TX</td>	ES	CHGO	CUBMANTANZAS	1412	ESP-TX
9 <td>TR</td> <td>WTVG</td> <td>TN CHATTANOOGA</td> <td>1101</td> <td>FGA-NL</td>	TR	WTVG	TN CHATTANOOGA	1101	FGA-NL
9 <td>MS</td> <td>WSON</td> <td>NC CHARLOTTE</td> <td>1111</td> <td>GHA-TX</td>	MS	WSON	NC CHARLOTTE	1111	GHA-TX
10 <td>ES</td> <td>CMTV</td> <td>CUBAHABANA</td> <td>1366</td> <td>ESP-TX</td>	ES	CMTV	CUBAHABANA	1366	ESP-TX
10 <td>TR</td> <td>KWTX</td> <td>TX WACO</td> <td>1368</td> <td>RIT-NY</td>	TR	KWTX	TX WACO	1368	RIT-NY
10 <td>TR</td> <td>KWTX</td> <td>TX WACO</td> <td>1368</td> <td>WHI-NY</td>	TR	KWTX	TX WACO	1368	WHI-NY
10 <td>MS</td> <td>WALB</td> <td>GA ALBANY</td> <td>907</td> <td>WDF-WI</td>	MS	WALB	GA ALBANY	907	WDF-WI
11 <td>ES</td> <td>KTVF</td> <td>CA LOS ANGELES</td> <td>1639</td> <td>BRAL-IL</td>	ES	KTVF	CA LOS ANGELES	1639	BRAL-IL
11 <td>TR</td> <td>KGUL</td> <td>TX GALVESTON</td> <td>1257</td> <td>RSE-NY</td>	TR	KGUL	TX GALVESTON	1257	RSE-NY
11 <td>MS</td> <td>WBAL</td> <td>MD BALTIMORE</td> <td>1165</td> <td>RCO4CA</td>	MS	WBAL	MD BALTIMORE	1165	RCO4CA
12 <td>ES</td> <td>KLAC</td> <td>CA LOS ANGELES</td> <td>1253</td> <td>FGA-NL</td>	ES	KLAC	CA LOS ANGELES	1253	FGA-NL
13 <td>ES</td> <td>KLAC</td> <td>CA LOS ANGELES</td> <td>1253</td> <td>FGA-NL</td>	ES	KLAC	CA LOS ANGELES	1253	FGA-NL
13 <td>TR</td> <td>KERA</td> <td>TX DALLAS</td> <td>1161</td> <td>RSE-NY</td>	TR	KERA	TX DALLAS	1161	RSE-NY
13 <td>MS</td> <td>SPSD</td> <td>OH TOLEDO</td> <td>716</td> <td>BRR-AR</td>	MS	SPSD	OH TOLEDO	716	BRR-AR
14 <td>TR</td> <td>KMEG</td> <td>IA SIOUX CITY</td> <td>1297</td> <td>CHA-MA</td>	TR	KMEG	IA SIOUX CITY	1297	CHA-MA
15 <td>TR</td> <td>WCEU</td> <td>FL NEW SMYRNA BE</td> <td>1201</td> <td>FGA-NL</td>	TR	WCEU	FL NEW SMYRNA BE	1201	FGA-NL
16 <td>TR</td> <td>WJWJ</td> <td>SC BEAUFORT</td> <td>1278</td> <td>FGA-NL</td>	TR	WJWJ	SC BEAUFORT	1278	FGA-NL
17 <td>TR</td> <td>WLRN</td> <td>FL MIAMI</td> <td>1248</td> <td>FGA-NL</td>	TR	WLRN	FL MIAMI	1248	FGA-NL
18 <td>TR</td> <td>WKCF</td> <td>FL CLEMONT</td> <td>1154</td> <td>FGA-NL</td>	TR	WKCF	FL CLEMONT	1154	FGA-NL
19 <td>TR</td> <td>WLYX</td> <td>SC COLUMBIA</td> <td>1286</td> <td>FGA-NL</td>	TR	WLYX	SC COLUMBIA	1286	FGA-NL
20 <td>TR</td> <td>WCES</td> <td>GA WRENS</td> <td>1194</td> <td>FGA-NL</td>	TR	WCES	GA WRENS	1194	FGA-NL
20 <td>MS</td> <td>WICS</td> <td>IL SPRINGFIELD</td> <td>569</td> <td>RSE-NY</td>	MS	WICS	IL SPRINGFIELD	569	RSE-NY
21 <td>TR</td> <td>WTCE</td> <td>FL FT PIERCE</td> <td>1237</td> <td>FGA-NL</td>	TR	WTCE	FL FT PIERCE	1237	FGA-NL
22 <td>TR</td> <td>WJCL</td> <td>GA SAVANNAH</td> <td>1241</td> <td>FGA-NL</td>	TR	WJCL	GA SAVANNAH	1241	FGA-NL
23 <td>TR</td> <td>WTVL</td> <td>FL MIAMI</td> <td>1248</td> <td>FGA-NL</td>	TR	WTVL	FL MIAMI	1248	FGA-NL
24 <td>TR</td> <td>KVUE</td> <td>TX AUSTIN</td> <td>1232</td> <td>RSE-NY</td>	TR	KVUE	TX AUSTIN	1232	RSE-NY
25 <td>TR</td> <td>WPBF</td> <td>FL TEQUESTA</td> <td>1357</td> <td>FGA-NL</td>	TR	WPBF	FL TEQUESTA	1357	FGA-NL

## ALL-TIME FMTV DISTANCE RECORDS

## STATISTICS

CH	PRP	CALL	LOCATION	MILES	DXER-LOC	CH	PRP	CALL	LOCATION	MILES	DXER-LOC	CH	PRP	CALL	LOCATION	MILES	DXER-LOC
27	TR	WKTY	KY LEXINGTON	1108	FMC-ND	46	TR	WNFL	FL MAPLES	1147	FGA-NL	66	IK	WBMH	MI FLINT	676	RBA-MA
28	TR	WTGS	SC HARDEEVILLE	1245	FGA-NL	47	TR	WNFT	FL JACKSONVILLE	1178	FGA-NL	67	TR	W67CO	AL HUNTSVILLE	1028	FGA-NL
29	TR	WFLX	FL W PALM BEACH	1253	FGA-NL	48	TR	WAFB	AL HUNTSVILLE	1028	FGA-NL	68	TR	W65CF	FL TAMPA	1109	FGA-NL
30	TR	WMSV	FL JACKSONVILLE	1178	FGA-NL	49	TR	WTLH	GA BAINBRIDGE	1020	FGA-NL	69	TR	WNY5	FL HOLLYWOOD	532	FMC-ND
31	TR	W3IAT	FL GAINESVILLE	1130	FGA-NL	50	TR	WBHS	FL TAMPA	1109	FGA-NL	70	TR	K70CL	IA FT DODGE	611	RCCO-OK
32	TR	WTVN	FL LAKELAND	1140	FGA-NL	51	TR	W5CV	FL FT LAUDERDALE	1251	FGA-NL	71	TR	W7IAE	IL LA SALLE	748	JKA-IL
33	TR	WBFS	FL MIAMI	1248	FGA-NL	52	TR	WFLG	FL COCOA	1215	FGA-NL	72	TR	W72AT	PA E TOWANDA	302	GSE-OK
34	TR	WBJA	NY BINGHAMPTON	1253	RCCO-OK	53	TR	WFLI	TN CLEVELAND	1126	FGA-NL	73	TR	W73BU	TX BIG LAKE	611	RCCO-OK
35	TR	WDLP	FL MIAMI	1248	FGA-NL	54	TR	WFRD	GA AUGUSTA	1225	FGA-NL	74	TR	W74AS	MI WHITE PINE	583	RSE-NY
36	TR	WFTX	FL CAPE CORAL	1226	RBA-MA	55	TR	WIFB	FL MELBOURNE	1221	FGA-NL	75	TR	K75CJ	MN REDWOOD FALLS	478	GOL-IL
37	MS	KSTM	MO ST. LOUIS	1258	RBA-FL	56	TR	WFSG	FL TALLAHASSEE	1028	FGA-NL	76	TR	CBFTFTN	KITCHENER	611	BBA-MN
38	TR	WSBK	MA BOSTON	1500	RCCO-OK	57	TR	W57BA	FL TAMPA	1109	FGA-NL	77	TR	W77AA	MI IRON MOUNTAIN	562	KRKRIL
39	TR	KHTV	TX HOUSTON	1099	FGA-NL	58	TR	WVLB	NJ NEW BRUNSWICK	852	JKA-IL	78	TR	K78CR	IA KEOSAUQUA	473	RCCO-OK
40	TR	WWSB	FL SARASOTA	1117	FGA-NL	59	TR	WJEB	FL JACKSONVILLE	1178	FGA-NL	79	TR	CITY	ON TORONTO	407	WDR-WI
41	TR	WMEG	FL W PALM BEACH	1253	FGA-NL	60	TR	W5OAK	FL BIG PINE	1184	FGA-NL	80	TR	K80AW	IA DUBUQUE	610	RCCO-OK
42	TR	WKLT	FL W PALM BEACH	1253	FGA-NL	61	TR	W61BL	FL TAMPA	1109	FGA-NL	81	TR	K81AE	MN ST. JAMES	355	WDR-WI
43	TR	WWSB	FL MELBOURNE	1221	FGA-NL	62	TR	WBLG	KY LEXINGTON	728	RCCO-OK	82	TR	K82AJ	MN INTERNATIONAL	367	FMC-ND
44	TR	WTOG	FL ST. PETERSBURG	1174	RBA-MA	63	TR	WHSB	GA MONROE	1139	FGA-NL	83	TR	W83AS	WI LA CROSSE	235	JKA-IL
45	TR	WMTT	FL MIAMI	1248	FGA-NL	64	TR	W64M	GA MACON	1117	FGA-NL						
						65	TR	W65BG	FL TALLAHASSEE	1028	FGA-NL						

## ALL-TIME TV DISTANCE RECORDS

KEY TO DXER INITIALS/LOCATION	INIT	DXER NAME	DXER LOCATION	LAT	NO.	LONG	WEST
				DEG	MIN	DEG	MIN
ACO- ARNOLDO CORA	CUBA	MARIANAO		23	5	82	26
BBA- BUCK BATTIN	MN	DULUTH		46	47	92	6
BBR- BEDFORD BROWN	AR	NOT SPRINGS		34	30	93	3
BRA- BARNEY RAUCH	IL	PEORIA		40	42	89	36
CHA- CHRISTOPHER HALL	MA	SALEM		42	31	70	55
CLU- CARL LUPTON	IL	SPRINGFIELD		39	47	89	40
DJO- DORIS JOHNSON	WA	LONGVIEW		46	8	122	56
ESH- EDWIN SHOREY	KS	DERBY		37	33	97	16
ESP- ED SPARKS	TX	ODESSA		31	51	102	22
FGA- FERNANDO GARCIA	MEX	GUADALOUPE(NL)		25	41	100	15
FMC- FRED MCCORMACK	ND	DES LACS		48	17	101	25
GGI- GHISLAIN GIRARD	PQ	ARVIDA		48	25	71	11
GHA- GLENN HAUSER	TX	VON ORMY		29	18	98	31
GME- GLEN NEIL	OK	SAYRE		35	18	99	38
GOL- GARY OLSON	IL	DEERFIELD		40	10	87	51
JBH- JERRY BURCH	AR	NOT SPRINGS		34	30	93	3
JKA- JEFF KADET	IL	MACOMB		40	27	90	40
POY- PAT DYER	TX	SAW ANTONIO		29	28	98	36
PRA- PHIL RADER	IN	INDIANAPOLIS		39	47	89	40
RBA- ROY BARSTOW	MA	TEATICKET		41	36	70	36
RCCO- ROBERT COOPER	OK	OKLAHOMA CITY		35	28	97	32
RCCO- ROBERT COOPER	CA	LAFAYETTE		37	53	122	7
RCCO- ROBERT COOPER	CA	FRESNO		36	45	119	45
RCCO- ROBERT COOPER	OK	ARCADIA		35	39	97	19
RIT- RICHARD ITALIANO	NY	BINGHAMPTON		42	8	75	54
RKR1- ROBERT KRAMER	IL	CARBONDALE		37	44	89	13
RNI- RICHARD NIEMAN	NY	BUFFALO		42	54	78	53
RSE- ROBERT SEYBOLD	NY	DUNKIRK		42	29	79	20
RWA- R. J. WALKER	FL	DAYTONA BEACH		29	12	81	0
SRE1- SHELTON REMINGTON	HI	KEAAU(FERN FOR		19	27	155	10
THI- THOMAS HIDELEY	IL	CRYSTAL LAKE		42	13	88	17
UNI- UNID ARO	GREENTHULE	AFB		76	34	68	47
WDR- WILLIAM DRAEB	WI	KEWAUNEE		44	27	87	30
WHI- WILLIAM HIDER	NY	BINGHAMPTON		42	8	75	54

## ALL-TIME FM DISTANCE RECORDS

KEY TO DXER INITIALS/LOCATION	INIT	DXER NAME/NAME/LOCATION/COORDINATES	LAT	NO.	LONG	WEST
			DEG	MIN	DEG	MIN
FMC- FRED MCCORMACK	ND	DES LACS	48	17	101	25
FMC2- FRED MCCORMACK	ND	FARGO	46	52	96	48
FME- FRANK MERRILL	MI	MILAN	42	5	83	40
FME1- FRANK MERRILL	IL	MACOMB	40	27	90	40
FME2- FRANK MERRILL	OH	TOLEDO	41	39	83	32
FMO- FRED NORDQVIST	NY	CLAY	43	8	76	8
GCO- GREG CONQUEST	NY	WILLIAMSVILLE	42	59	78	41
GHA- GLENN HAUSER	TX	VON ORMY	29	18	98	31
GHA2- GLENN HAUSER	OK	ENID	36	19	97	48
GHA3- GLENN HAUSER	NM	ALBUQUERQUE	35	5	106	40
JCO- JOHN COMBS	FL	ORLANDO	28	32	81	23
JEB- JOHN EBELING	MN	BLOOMINGTON	44	50	93	19
JEB2- JOHN EBELING	MN	PROSIT	47	0	92	37
JFE- JOSEPH FELA	NJ	S PLAINFIELD	40	35	74	25
JJE- JOHN JEFFERSON	CA	CONCORD	37	59	122	2
JJE2- JOHN JEFFERSON	CA	PLEASANTON	37	40	121	53
JJE4- JOHN JEFFERSON	CA	ANTIOCH	37	59	121	48
JPI- JIM PIZZI	NM	LOVINGTON	32	57	103	21
JPI1- JIM PIZZI	CA	ORCUTT	34	57	120	26
KPU- KEITH PUGH	AL	NEW HOPE	34	32	86	24
KRI- KURT RICHARDSON	NY	SYRACUSE	43	3	76	9
LVO- LARRY VOGT	VA	SPRINGFIELD	38	45	77	13
MBU- MIKE BUGAJ	CT	ENFIELD	41	58	72	36
MCH- MIKE CHERRY	BC	GANGES	48	51	123	30
MHA- MIKE HAWK	NE	OMAHA	41	13	96	3
MJE- MIKE JEZIOSKI	FL	CRESCENT BEACH	29	40	81	13
MNI- MATTI NITT	BC	VANCOUVER	49	16	123	7
MS1- MATT SITTTEL	TN	KINGSFORD	36	32	82	33
MS12- MATT SITTTEL	NC	RALEIGH	35	47	78	39
MS2- MATT SITTTEL	FL	TALLAHASSEE	30	29	84	18
NDI- NEIL DICKERSON	ND	SHARPTON	38	26	75	38
POY- PAT DYER	TX	SAN ANTONIO	29	28	98	36
PGE- PETER GEORGE	MA	BACHTON	42	5	71	1
PSA- PETER SAWATZKY	ON	WATERLOO	43	28	80	31
RBR- ROSS BROWN	MI	ST JOSEPH	42	6	86	29
RBR1- ROSS BROWN	IA	AMES	42	2	93	7
RCCO- ROBERT COOPER	OK	OKLAHOMA CITY	35	28	97	32
RSA- RICK SAMFORD	TX	BURNETT	30	46	98	14
RSE- ROBERT SEYBOLD	NY	DUNKIRK	42	29	79	20
RSM- BOB SMOLAREK	NJ	HIGHBRIDGE	40	40	74	54
RST- RALPH STROBEL	IN	MUNCIE	40	11	85	23
RWO- RICHARD WOOD	LA	BATON ROUGE	30	23	91	11
RWO2- RICHARD WOOD	AT	MEDICINE HAT	50	3	110	40
SCM- SAUL CHERNOS	ON	BURNT RIVER	44	39	78	42
SGR- STU GRADE	IA	SIOUX CITY	42	30	96	23
SRE- SHELTON REMINGTON	CT	NEW HAVEN	41	18	72	56
SRE1- SHELTON REMINGTON	HI	KEAAU(FERN FOR	19	27	155	10
SWE- STEVE WEST	PA	GLEN MILLS	39	55	75	30
SW1- STEVEN WISEBLOD	TX	BROWNSVILLE	25	54	97	30
WH3- WILLIAM HEPBURN	ON	THUNDER BAY	48	23	89	15
WH4- WILLIAM HEPBURN	ON	KINGSTON TWP	44	14	76	30

## ALL-TIME FM DISTANCE RECORDS

KEY TO DXER INITIALS/LOCATION	INIT	DXER NAME/NAME/LOCATION/COORDINATES	LAT	NO.	LONG	WEST
			DEG	MIN	DEG	MIN
ABO- ANDY BOLIN	IL	CHULTEON	39	30	88	10
BE12- BRUCE ELVING	MN	DULUTH	46	47	92	6
CHO- CARLON HOWINGTON	OH	UNIONTOWN	40	59	81	25
CHO1- CARLON HOWINGTON	FL	ST PETERSBURG	27	46	82	58
DAL- DOUG ALLEN	OK	WOODLAND PARK	39	0	105	3
DBU- DANNY BUNTIN	CO	WILLSTAR	36	7	97	4
DHA- D. BRUCE HALL	ON	BRANTFORD	43	7	80	17
DHO- DENNIS HOE	IA	AMESGAR	43	23	92	55
DNI- DAVID NIEMAN	NY	ARROW	42	58	78	32
ECO- ERNEST COOPER	MA	PROVINCETOWN	42	3	70	11
FAD- FRANK ADEN	OR	BEW	44	3	121	19
FAD1- FRANK ADEN	ID	BOISE	43	37	116	13



## STATISTICS

### WTFDA GUIDELINES FOR COMPUTING TV-FM DISTANCE RECORDS AND SCOREBOARD TOTALS

- 1) A TV Station received on more than one channel (when it changes channel, but retains its identity) may be counted once for each channel, excluding change in offset on the same channel. Simultaneous reception of the same station on more than one channel is usually a receiver problem only, though you may present evidence to the contrary. An FM station may be counted again when it deliberately changes frequencies, or varies more than 100kHz from its normal frequency. DXers should be certain they are not counting receiver images or mixing products.
- 2) Stations operating successively on the same channel in a single city what are clearly unrelated (i.e., with different call letters and a hiatus in occupation of the channel, or non-renewal of the first station's license) are counted as separate stations.
- 3) A move in a station's transmitter location does not allow it to count as a new station unless the CITY OF LICENSE also changes. Thus, a station starting in a small city and later moving both transmitter and identity to a larger city, if received during both phases of operation, will count twice. Stations moving antenna from downtown to suburbs, for example, with no change in the city of license, count only once. The addition of a city to a station's identity (multiple city station identification) does not count as a new station.
- 4) A change in call letters per se is not sufficient reason to count that station as new, whether or not a change in ownership is involved in a continuously operation station. Power level or changes in power alone shall have no bearing on these guidelines.
- 5) Sharetime stations (rare cases of two stations in the same coverage area sharing the same frequency at different times of the day) count as one if they share their transmitter; individually if they have separate transmitter sites.
- 6) DX received via cable TV may be counted if the station was received off the air on its original frequency at the CATV headend, from which distances must be measured. TOTAL INCLUDING CATV MUST BE SPECIFIED.
- 7) The precise location of the transmitting antenna shall be the determining factor in computing the DX path distance and tallying the number of political units received.
- 8) Verifications are not required; however, contributors must be reasonably certain that all stations claimed were received. Those totals limited to verified only should be labeled as such.
- 9) DX obtained by recording only, and not witnessed at the actual time of the reception, is eligible -- so long as the contributor himself chose the frequency and prepared the recording apparatus. When more than one DXer is present at a DX reception, even as a visitor to another DXer's shack, only those having an active part in the reception may claim the DX.
- 10) Translators and experimental stations, as well as unlicensed outlets such as pirates and clandestines, are eligible. Harmonics of TV video signals are eligible if the fall within another TV band, and those of FM stations are eligible if the harmonics fall within the FM band. But utility stations monitored on FM or TV, and CATV radiation, do not count.

Note: The above guidelines are to be used for reporting to VUD columns. Feel free to count your station totals any way you like in your own log, but please follow the above guidelines for WTFDA purposes. WTFDAers come from varied backgrounds and differ widely on how to count station totals; without the above, it would be like comparing "apples and oranges" when reading DX report columns. These are essentially the same guidelines in use since the WTFDA began, and comments on them are always welcome—but remember, unless reporters follow the same standard in counting stations, it's very hard to compare their results.)

**NOTE:** The FM/TV All-Time Distance Records were recalculated using DXer location grid coordinates (City coordinates if exact coordinates not given to me), and the City of License coordinates for all TV/FM Stations to simplify distance calculations. This is a variance to Rule #7 of the WTFDA guidelines for computing TV-FM Distance Records. It would be a very time-consuming task to keep track of all transmitter locations (especially when many transmitters are relocated over all the years that records are tracked. Please check your DX coordinates for any errors. If you have any suggestions on other statistics that you would like to appear in this column, let me know. TV-FM Distance Records for current WTFDA members (or for the current year) are some possibilities (after I gain access to a membership list). If you want a printout of distances between your DX location and all cities having TV/FM stations in North America including the Caribbean/Central America, I still offer this service for a \$2.00 donation to cover costs. Please indicate your DX location grid coordinates and whether you want the listing in miles or kilometers. Fred Nordquist.

# TECH TALK

by Rich Wertman

**RW ANTENNA SERVICE - 6150 CROSBY RD - LOCKPORT NY 14094-7949**

**Topic: RDX-Labs UA-900 Amplifier**

This item has been on my list of reports to do. I not so recently ago received a prototype of this amp from its designer, Jim Dietrich. I was asked to review it and put it to the test. This was around March of '91. Since then I have mounted it at my home on a Channel Master 7-foot Parabolic, and most recently, on one of our company's headend systems for a commercial setup. I agreed to try it at my home because I live approximately 5 miles line-of-sight to 3 very powerful UHF stations. They are all in the direction of 90° of my UHF DXing. I had been looking for an amp with better overload protection than some of your typical Winegard PA-4975's and the Channel Master units...but without the loss of gain, and the added noise that many amps provide. I was quite surprised at the design, noting that it must be a throw-away item, since it's encapsulated in epoxy. Jim assures me that if it dies, he will replace it at no charge.

Well, off to the testing grounds. First off the PA-4975 is an overload monster, since it provides too much gain and no input protection, unless using traps or not within about 10 miles of local UHF stations. The UA-900 does not show a lot of gain as my RF signal meter proved, but then the PA-4975 didn't show as much as it was listed for it either. The UA-900 gain is very close to 20 dB, and the PA-4975 is around 24 dB. As I am writing this the Winegard PA series have been discontinued and the replacement for the 4975 is now the AP-4800, which does exhibit around 29 dB gain and much lower noise. However, it also overloads worse than the PA-4975 did. I don't have much to measure noise in an amplifier but my eyes, so I will truthfully say by viewing, the PA-4975 and the UA-900 show about the same as far as noise goes. The AP-4800 is much cleaner than anything I've seen though, probably due to the new stripline construction.

The gain on the UA-900 is quite similar to the once-famous AC-4990 UHF amp, from Winegard. In fact...I feel the Winegard AC-4990 and the RDX-Labs UA-900 are darn near identical as far as overload, gain, and noise are concerned. I only noted a little edge on overload capacity on the UA-900. The local UHF's didn't start nailing me until I was within 20 degrees of "straight on." The AC-4990 was more like 30 degrees. Again, this is with no traps, antenna at 50 feet, and an old reliable Zenith 13" TV. I had a few complaints for Jim about the original design, which basically consisted of the leads for the 300 ohm connections being too short. If they broke off, you may not be able to re-attach it to your antenna. Jim assured me that this problem would be dealt with. Also, I would like to see the power supply marked with INPUT and OUTPUT. The power supply could also use a good way in which to mount it, especially since I use them in commercial situations.

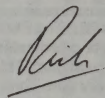
I know by talking with a lot of people they were leary of the price tag on this unit, which had been \$169.00...but remember, Jim says he will replace it, should it fail. I am about to put him to the test. For some reason my UA-900 is not working at my commercial location and I feel it may be lightning related. I did however also have Channel Master and Winegard amps at the same location, but noted no problems after the storm with them. Just a note - Jim has done some reworking of this amp since my prototype, as far as design is concerned. (EDITOR'S NOTE: RDX Labs has also recently reduced the UA-900 to \$99.95, AND is now offering a "Super-Low-Noise" model, the UA-900A, for \$129.95). All in all, I think with a warranty like that and a product as good as it is, you have to weigh that cost as a bit of low cost insurance.

Let's face it, Winegard and Channel Master won't do anything to their units without a charge after the first year. On my scale of 0-10 I'd rate the UA-900 about an 8, and it would probably be a 10, with the items I felt needed changes!

I am not an expert, nor try to be, at rating things. I do however work with these products everyday (and sometimes nights) of my life, so I just feel I may be able to help people get some input on these items. I am by no means trying to persuade anyone into making a decision to purchase the products of manufacturers I review.

## COMING SOON IN THE V.U.D.

"EL NIÑO" WINTER  
SUPER-TROPO !



DR. FEEDPOINT JOINS  
THE RESISTANCE!

DOES E-SKIP CAUSE  
THUNDERSTORMS?  
OR TESLA COILS???



**8th  
Annual**

# Winter SWL Festival

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Sumneytown Pike

Kulpsville, Pennsylvania

We will officially open the **Eighth Annual Winter SWL Festival Forums** on Friday morning and continue all day Saturday. As usual, there will be door prizes, station freebies, (please bring items to be donated for the silent auction), and a banquet on Saturday night. New this year, bring items for sale or swap for an equipment swap meet on Friday afternoon. Also new, bring your receivers and have their specs checked by two experts. Ben Hester and Joe Buch will report their findings and compare receiver specs in a forum.

The Forums will include:

- QSLing
- DX Accessories
- Intro to Scanning
- Pirate Broadcasts
- Intro to Utilities
- Interpreting Receiver Specs

And More To Be Announced...

Registration Options-

- FULL** — Includes forums, hospitality room, lunch and banquet — **'35**  
**PARTIAL** — Includes forums, hospitality room but NO meals — **'17**  
**SPOUSE** — Includes hospitality room and meals — **'19**

**GRAND PRIZE** To be announced

**SPECIAL** Register early and win a SW portable! Your registration received by midnight February 11, 1995 will allow you one **FREE** entry towards this early bird registration door prize.

Please bring items for the Silent Auction. Proceeds are donated to charity.

Checks should be made payable to **WINTER SWL FEST**. Registration for hotel rooms should be made directly to the Holiday Inn at (215) 368-3800 **As soon as possible!** Special rates - **'59** single, **'64** double. Our function code with the hotel is **WINTER SWL FEST**. Please refer to this to get the special room rates. Listen to the ANARC SWL NET on 7.240 LSB at 10 AM Sundays for up to the minute info.

The Holiday Inn is located at EXIT 31 of the PA Turnpike Northeast Extension-Lansdale Interchange. Improved access from the south with the Blue Route—ask for details. Limo service is available from Phila. Intl Airport directly to the Holiday Inn.

Please submit the following form with your registration amount or send for more information to:

**Winter SWL Festival**  
**PO Box 591**  
**Colmar, PA 18915**

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

Circle: **FULL** **PARTIAL** **SPOUSE** (Spouse Name: \_\_\_\_\_)

Banquet - Check: Roast Beef \_\_\_\_\_ Chicken \_\_\_\_\_ Registration Fee Enclosed: \$ \_\_\_\_\_

I wish to purchase \_\_\_\_\_ raffle tickets Tickets Fee Enclosed: \$ \_\_\_\_\_

(\$1 ea./ 6 for \$5/ Special 13 for \$10)

Total check/money order enclosed: \$ \_\_\_\_\_



# WORLDWIDE TV-FM DX ASSOCIATION

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